

Converting Colors

HunterLab(94.8724, -23.8581,
16.3551)

Have a look what the booklet for
HunterLab(94.8724, -23.8581,
16.3551) contains.

HunterLab(94.9443, -23.8919, 16.2353)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(94.9443,
-23.8919, 16.2353)**

Conversions

Conversions Part 1

Format	Color
Hex	D5FEDB
RGB	213, 254, 219
RGB Percent	84%, 100%, 86%
CMY	0.1647, 0.0039, 0.1412
CMYK	0.16, 0.00, 0.14, 0.00
HSL	129°, 95%, 92%
HSV	129°, 16%, 100%
XYZ	75.6685, 90.1442, 80.4292
YIQ	237.7510, -13.2010, -19.5770

Conversions

Conversions Part 2

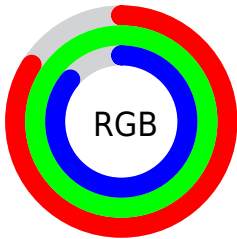
Format	Color
R _Y B	213, 249, 254
Decimal	14024411
CIE Lab	96.06, -19.60, 12.41
CIE LCh	96, 23.196, 147.657
Yxy	90.1480, 0.3073, 0.3661
Android (android.graphics.Color)	4292214491 (0xFFD5FEDB)
YUV	237.7510, -9.2442, -21.7066
Hunter-Lab	94.9443, -23.8919, 16.2353

Details

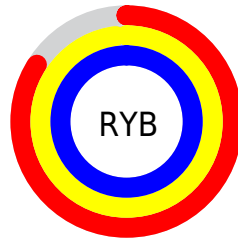
The HunterLab color $94.9443, -23.8919, 16.2353$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $86.8555, 15.7304, -6.8296$, and the grayscale version is $92.4015, -4.9303, 5.0203$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $70.6271, -20.5631, 13.6760$ is the 20% darker color. If you saturate the color by 10%, you get $92.5060, -34.1478, 22.4252$, and if you desaturate by 10%, it is $97.7067, -12.6518, 9.6356$.

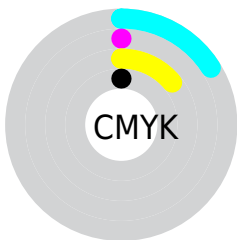
Distribution



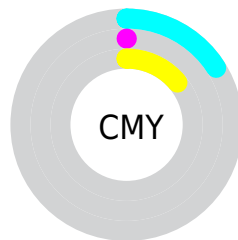
- Red (84%)
- Green (100%)
- Blue (86%)



- Red (84%)
- Yellow (98%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 94.9443, -23.8919, 16.2353 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 94.9443, -23.8919, 16.2353 by changing the saturation by 10% instead.


 94.9443, -23.8919,
16.2353

 94.9443, -23.8919,
16.2353


229.8939,
-38.0200, 27.8151

 82.5248, -22.2986,
14.9872


121.4677,
-27.0487, 18.7472

 70.6979, -20.6845,
13.7381


135.5227,
-28.6160, 20.0125

 59.4971, -19.0441,
12.4848


150.0816,
-30.1803, 21.2865

 48.9596, -17.3670,
11.2215

165.1275,
-31.7438, 22.5702

 39.1301, -15.6385,
9.9393

180.6450,
-33.3082, 23.8643

 30.0639, -13.8367,
8.6248

196.6202,

 21.8317, -11.9265,

-34.8749, 25.1695

7.2564

213.0405,
-36.4452, 26.4863

■ 14.5285, -9.8463,
5.7959

■ 8.1895, -10.8649,
5.7326

■ 94.9443, -23.8919,
16.2353

■ 94.9443, -23.8919,
16.2353

■ 92.5060, -34.1478,
22.4252

■ 97.7067, -12.6518,
9.6356

■ 90.3934, -43.2904,
28.1251

99.6830, -4.8083,
5.0688

■ 88.6115, -51.2153,
33.2640

■ 87.1584, -57.8429,
37.7787

■ 86.0256, -63.1316,
41.6209

■ 85.1975, -67.0871,
44.7618

■ 84.6497, -69.7716,
47.1960

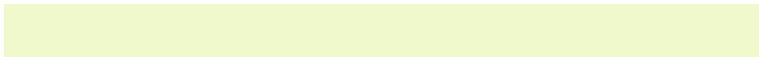
■ 84.3468, -71.3154,
48.9424

■ 84.2744, -71.6949,
49.4331

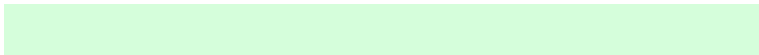
Harmonies

Analogous

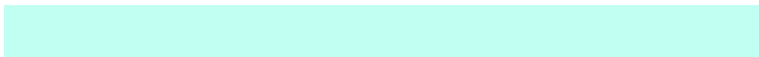
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.9463, -15.6055, 22.7168



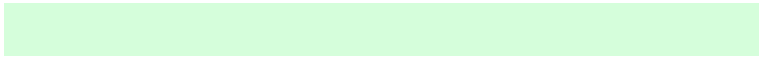
94.9443, -23.8919, 16.2353



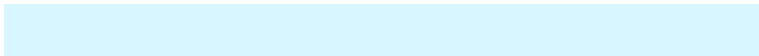
94.9463, -27.1647, 6.0661

Triad

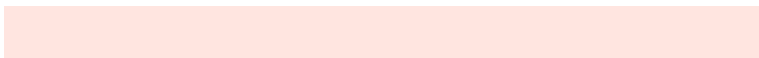
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.9463, -23.8938, 16.2365



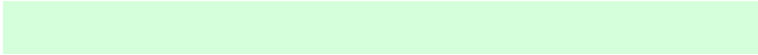
94.9463, -6.0179, -19.6422



94.9463, 16.3716, 14.8554

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



94.9443, -23.8919, 16.2353



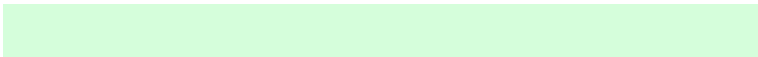
86.8555, 15.7304, -6.8296

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.9463, 19.2477, 4.2614



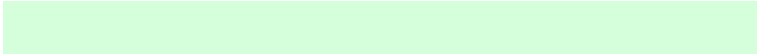
94.9443, -23.8919, 16.2353



94.9463, 5.9434, -16.5393

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.9463, -23.8938, 16.2365



94.9463, -17.1706, -15.4397



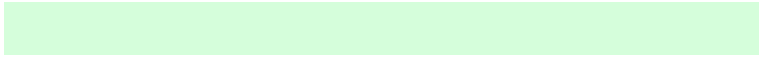
94.9463, 15.3426, -7.4174



94.9463, 7.6662, 21.9922

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.9443, -23.8919, 16.2353



94.9463, -26.1890, -1.7751



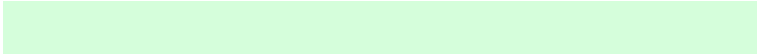
94.9463, 15.3426, -7.4174



94.9463, 18.0706, 11.6238

Sweetspot

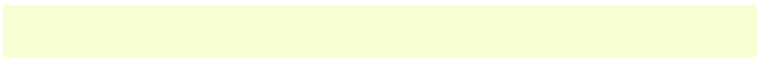
The Sweet Spot groups the original color and five complimentary colors.



94.9463, -23.8938, 16.2365



98.4785, -11.3614, 8.8985



97.8500, -13.7042, 21.9106



45.4646, -5.6404, 4.3392

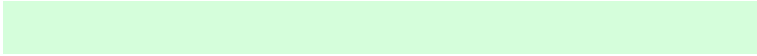
0.0000, NaN, NaN



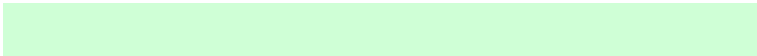
46.2646, -2.4686, 2.5136

Same Dimension

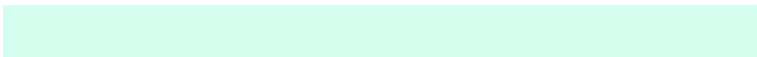
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.9463, -23.8938, 16.2365



94.6347, -27.0539, 18.1330



95.5320, -20.5795, 7.8388



44.9572, -7.6841, 5.5287



61.2001, -51.9904, 35.7375



19.1288, -16.0214, 10.6763

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



86.8555, 15.7304, -6.8296



85.1115, 19.6177, -9.0246



86.1769, 12.1584, 2.7979



42.7223, 3.2488, -0.8397



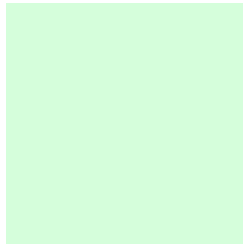
37.0980, 70.6847, -31.4791



11.6273, 22.2369, -10.5080

Previews

White Background



This preview shows how the HunterLab color 94.9443, -23.8919, 16.2353 looks on a white background.

Color Contrast Check

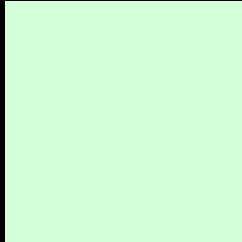
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 94.9443, -23.8919, 16.2353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

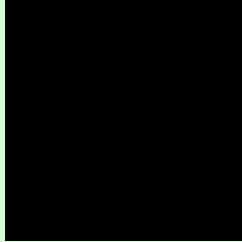
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

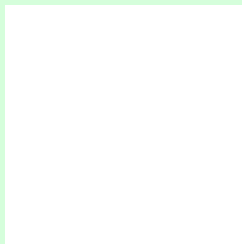
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 94.9443, -23.8919, 16.2353 Background



This preview shows how black text looks on a background with the HunterLab color 94.9443, -23.8919, 16.2353.



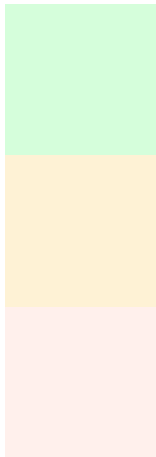
This preview shows how white text looks on a background with the HunterLab color 94.9443,

-23.8919,16.2353.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94.9443, -23.8919, 16.2353

Protanopia

94.5406, -5.6477, 18.6777

Deuteranopia

94.6765, -0.6379, 8.6317



Tritanopia

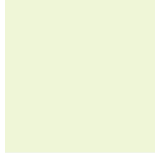
94.7884, -7.1183, -0.8934

Trichromacy



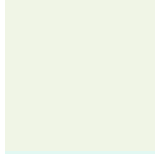
Original Color

94.9443, -23.8919, 16.2353



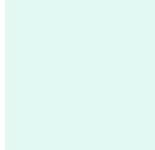
Protanomaly

94.4291, -12.4799, 17.6020



Deuteranomaly

94.6273, -9.2751, 11.2402



Tritanomaly

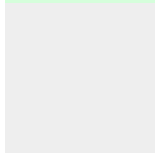
94.7177, -13.1858, 5.5499

Monochromacy



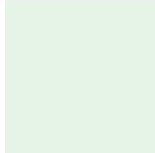
Original Color

94.9443, -23.8919, 16.2353



Achromatopsia

92.4658, -4.9337, 5.0238



Achromatomaly

93.3429, -12.1104, 9.2846

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 94.9443, -23.8919, 16.2353 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(213, 254, 219)` looks like.

```
.text, #text, p{  
    color:rgb(213, 254, 219)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(213, 254, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 254, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 94.9443, -23.8919, 16.2353 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 254, 219) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(213, 254, 219) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(213, 254, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 254, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 254, 219);  
box-shadow:4px 4px 4px 4px rgb(213, 254,  
219) }
```

Background

The CSS property to change the background color of an element to HunterLab 94.9443, -23.8919, 16.2353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 254, 219) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(213,  
254, 219) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor