

# Converting Colors

HunterLab(98.6119, -25.2820,  
-2.1021)

Have a look what the booklet for  
HunterLab(98.6119, -25.2820,  
-2.1021) contains.

<b>HunterLab(95.1187, -22.7571, -0.7582)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(95.1187,  
-22.7571, -0.7582)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4FFFF
RGB	196, 255, 255
RGB Percent	77%, 100%, 100%
CMY	0.2314, 0.0000, 0.0000
CMYK	0.23, 0.00, 0.00, 0.00
HSL	180°, 100%, 88%
HSV	180°, 23%, 100%
XYZ	76.5749, 90.4757, 108.0354
YIQ	237.3590, -35.1640, -12.5080

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	196, 226, 255
Decimal	12910591
CIE Lab	96.19, -18.34, -6.04
CIE LCh	96, 19.313, 198.231
Yxy	90.4761, 0.2784, 0.3289
Android (android.graphics.Color)	4291100671 (0xFFC4FFFF)
YUV	237.3590, 8.6970, -36.2718
Hunter-Lab	95.1187, -22.7571, -0.7582

# Details

The HunterLab color  $95.1187, -22.7571, -0.7582$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $80.4530, 16.6114, 11.3773$ , and the grayscale version is  $92.1581, -4.9173, 5.0071$ .

A 20% lighter version of the original color is  $99.9054, -5.6651, 5.3160$ , and  $70.8012, -19.5983, -1.4555$  is the 20% darker color. If you saturate the color by 10%, you get  $93.4570, -28.9038, -2.9382$ , and if you desaturate by 10%, it is  $97.0522, -15.7477, 1.7307$ .

# Distribution



- Red (77%)
- Green (100%)
- Blue (100%)



- Red (77%)
- Yellow (89%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 95.1187, -22.7571, -0.7582 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 95.1187, -22.7571, -0.7582 by changing the saturation by 10% instead.



95.1187, -22.7571,  
-0.7582

95.1187, -22.7571,  
-0.7582

230.1257,  
-36.4285, 4.6674

82.6896, -21.2231,  
-1.1809

121.6551,  
-25.7963, 0.2093

70.8543, -19.6745,  
-1.5599

135.7171,  
-27.3099, 0.7489

59.6448, -18.1039,  
-1.8912

150.2827,  
-28.8225, 1.3233

49.0980, -16.5019,  
-2.1707

165.3350,  
-30.3362, 1.9309

39.2586, -14.8552,  
-2.3930

180.8588,  
-31.8524, 2.5703

30.1817, -13.1438,  
-2.5510

196.8402,

21.9375, -11.3357,

-33.3726, 3.2403

-2.6356

213.2664,  
-34.8976, 3.9396

■ 14.6209, -9.3749,  
-2.6340

■ 8.2807, -10.0949,  
-2.6798

■ 95.1187, -22.7571,  
-0.7582

■ 95.1187, -22.7571,  
-0.7582

■ 93.4570, -28.9038,  
-2.9382

■ 97.0522, -15.7477,  
1.7307

■ 92.0652, -34.1440,  
-4.7950

■ 99.2546, -7.9386,  
4.5070

■ 90.9382, -38.4510,  
-6.3199

100.0000, -5.3358,  
5.4332

■ 90.0665, -41.8231,  
-7.5130

■ 89.4355, -44.2872,  
-8.3844

■ 89.0245, -45.9025,  
-8.9555

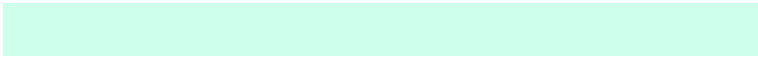
■ 88.8053, -46.7675,  
-9.2612

■ 88.7356, -47.0433,  
-9.3587

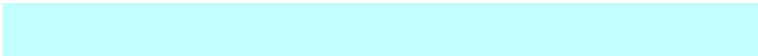
# Harmonies

## Analogous

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



95.1189, -23.2778, 8.8532



95.1187, -22.7571, -0.7582



95.1189, -17.6200, -9.5867

# Triad

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



95.1189, -22.7564, -0.7579



95.1189, 9.7735, -7.9069



95.1189, -1.1046, 21.4805

# Complementary

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



95.1187, -22.7571, -0.7582



80.4530, 16.6114, 11.3773

# 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.



95.1189, 8.1444, 17.8990



95.1187, -22.7571, -0.7582



95.1189, 14.5970, 1.3492

# Square

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



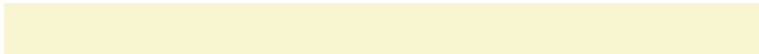
95.1189, -22.7564, -0.7579



95.1189, 1.0441, -14.0002



95.1189, 13.9887, 10.7536

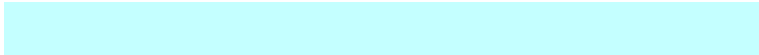


95.1189, -11.0538, 21.0423



# Rectangle

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



95.1187, -22.7571, -0.7582



95.1189, -12.1452, -13.5356



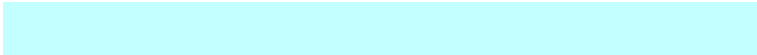
95.1189, 13.9887, 10.7536



95.1189, 2.1968, 20.7233

# Sweetspot

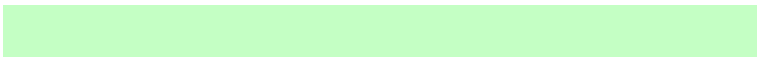
The Sweet Spot groups the original color and five complimentary colors.



95.1189, -22.7564, -0.7579



98.3719, -11.0465, 3.4017



93.4033, -32.5672, 23.8327



45.4492, -5.3305, 1.4956

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



95.1189, -22.7564, -0.7579



94.2767, -25.8572, -1.8580



85.4857, -7.8689, -13.0786



45.2565, -6.0147, 1.2523



64.1431, -34.0056, -6.7650



20.0150, -10.6110, -2.1109



# Inverse Universe

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



82.4385, 26.8534, -16.7738



79.1170, 33.7968, -21.5555



89.0885, 0.9091, 20.1543



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800

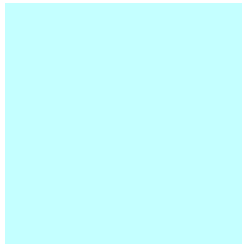


12.0372, 23.6656, -15.8764



# Previews

## White Background



This preview shows how the HunterLab color 95.1187, -22.7571, -0.7582 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

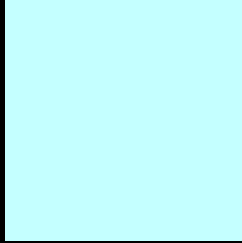
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 95.1187, -22.7571, -0.7582 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

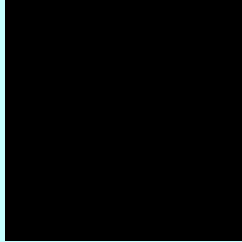
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

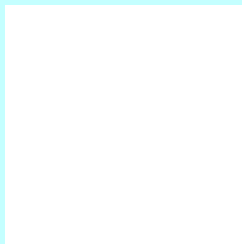
Any Text WCAG AAA ✓ Pass

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

## HunterLab 95.1187, -22.7571, -0.7582 Background



This preview shows how black text looks on a background with the HunterLab color 95.1187, -22.7571, -0.7582.



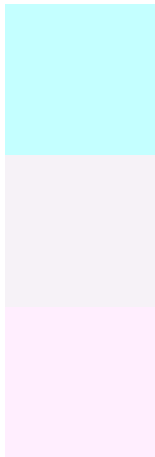
This preview shows how white text looks on a background with the HunterLab color 95.1187, -22.7571, -0.7582.

-22.7571,-0.7582.

# 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

95.1187, -22.7571, -0.7582

### Protanopia

94.7695, -2.8343, 3.2947

### Deuteranopia

94.6387, 3.5747, -0.3647



## Tritanopia

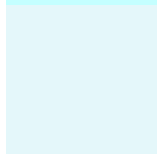
94.9924, -9.6971, -0.6858

# Trichromacy



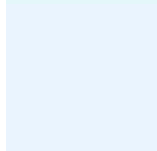
## Original Color

95.1187, -22.7571, -0.7582



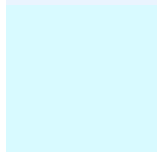
## Protanomaly

94.8249, -10.6235, 1.6948



## Deuteranomaly

94.5249, -6.4693, -0.6814



## Tritanomaly

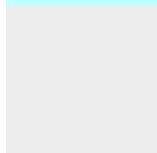
94.9685, -14.7870, -0.8045

# Monochromacy



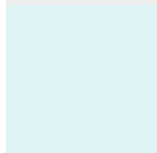
## Original Color

95.1187, -22.7571, -0.7582



## Achromatopsia

92.0257, -4.9103, 4.9999



## Achromatomaly

93.1465, -11.9912, 2.7077

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 95.1187, -22.7571, -0.7582 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(196, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 255, 255)  
}
```

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(196, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 255, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 95.1187, -22.7571, -0.7582 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".

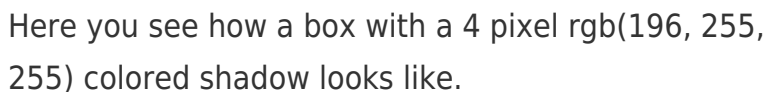
```
.border, #border, table{ border:4px solid rgb(196, 255, 255) }
```



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

```
.border{ border-color:rgb(196, 255, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 255, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 255, 255); box-shadow:4px 4px 4px 4px rgb(196, 255, 255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 95.1187, -22.7571, -0.7582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 255, 255) }
```

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

```
.background{ background-color: rgb(196,  
255, 255) }
```

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