

Converting Colors

HunterLab(93.7749, -28.3875,
2.6657)

Have a look what the booklet for
HunterLab(93.7749, -28.3875,
2.6657) contains.

HunterLab(93.7744, -28.3900, 2.6676)	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(93.7744,
-28.3900, 2.6676)**

Conversions

Conversions Part 1

Format	Color
Hex	B5FFF5
RGB	181, 255, 245
RGB Percent	71%, 100%, 96%
CMY	0.2902, 0.0000, 0.0392
CMYK	0.29, 0.00, 0.04, 0.00
HSL	172°, 100%, 85%
HSV	172°, 29%, 100%
XYZ	71.2975, 87.9364, 99.6019
YIQ	231.7340, -40.8940, -18.7980

Conversions

Conversions Part 2

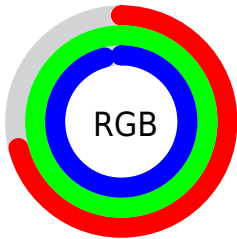
Format	Color
R_{YB}	181, 221, 255
Decimal	11927541
CIE _{Lab}	95.13, -24.72, -2.54
CIE _{LCh}	95, 24.849, 185.862
Yxy	87.9368, 0.2755, 0.3397
Android (android.graphics.Color)	4290117621 (0xFFB5FFF5)
YUV	231.7340, 6.5401, -44.4937
Hunter-Lab	93.7744, -28.3900, 2.6676

Details

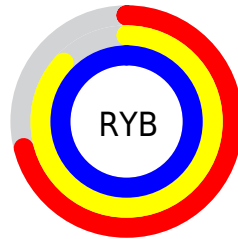
The HunterLab color **93.7744, -28.3900, 2.6676** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **76.2041, 23.9781, 9.0259**, and the grayscale version is **89.6996, -4.7861, 4.8735**.

A 20% lighter version of the original color is **98.5346, -10.4714, 3.6061**, and **69.6404, -24.5126, 1.4944** is the 20% darker color. If you saturate the color by 10%, you get **92.1535, -34.7160, 2.3542**, and if you desaturate by 10%, it is **95.6656, -21.1931, 3.3127**.

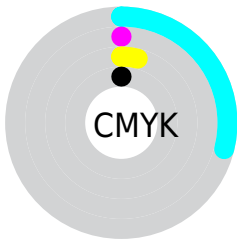
Distribution



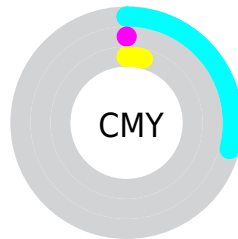
- Red (71%)
- Green (100%)
- Blue (96%)



- Red (71%)
- Yellow (87%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 93.7744, -28.3900, 2.6676 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 93.7744, -28.3900, 2.6676 by changing the saturation by 10% instead.


 93.7744, -28.3900,
2.6676

 93.7744, -28.3900,
2.6676


228.3191,
-44.3929, 9.1683

 81.4069, -26.5361,
2.1030


 120.1953,
-32.0207, 3.9002

 69.6364, -24.6487,
1.5769


134.2029,
-33.8107, 4.5660

 58.4952, -22.7160,
1.0913


148.7160,
-35.5888, 5.2625

 48.0211, -20.7236,
0.6494

163.7175,
-37.3581, 5.9886

 38.2596, -18.6507,
0.2552

179.1921,
-39.1212, 6.7432

 29.2673, -16.4661,
-0.0860

195.1256,

 21.1164, -14.1200,

-40.8803, 7.5253

-0.3670

211.5052,
-42.6370, 8.3339

■ 13.9050, -11.5251,
-0.5774

■ 7.5392, -13.1937,
-0.9849

■ 93.7744, -28.3900,
2.6676

■ 93.7744, -28.3900,
2.6676

■ 92.1535, -34.7160,
2.3542

■ 95.6656, -21.1931,
3.3127

■ 90.7996, -40.1307,
2.3734

■ 97.8253, -13.1887,
4.2853

■ 89.7062, -44.6112,
2.7152

100.0000, -5.3358,
5.4332

■ 88.8619, -48.1623,
3.3620

■ 88.2494, -50.8205,
4.2867

■ 87.8445, -52.6599,
5.4518

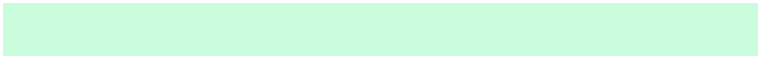
■ 87.6073, -53.8278,
6.8003

■ 87.5878, -53.9271,
6.9360

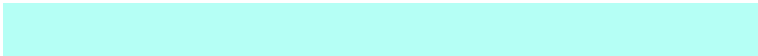
Harmonies

Analogous

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



93.7746, -26.5499, 14.2341



93.7744, -28.3900, 2.6676



93.7746, -24.2422, -9.7682

Triad

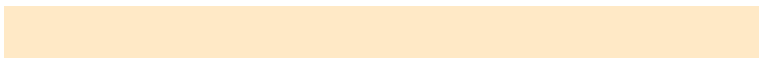
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.7746, -28.3889, 2.6670



93.7746, 9.9412, -16.0596



93.7746, 5.3325, 24.1542

Complementary

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



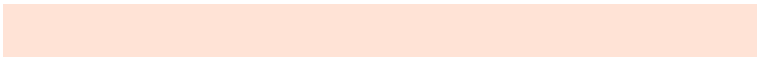
93.7744, -28.3900, 2.6676



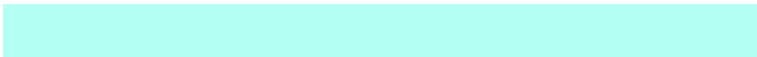
76.2041, 23.9781, 9.0259

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.



93.7746, 15.9121, 17.8805



93.7744, -28.3900, 2.6676



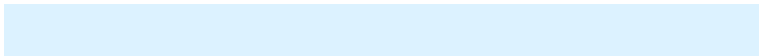
93.7746, 18.6718, -5.0469

Square

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



93.7746, -28.3889, 2.6670



93.7746, -2.4665, -21.4773



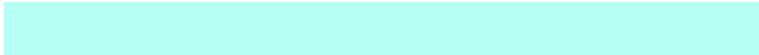
93.7746, 20.9136, 7.4781



93.7746, -7.5239, 25.6411

Rectangle

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



93.7744, -28.3900, 2.6676



93.7746, -18.5025, -16.5569



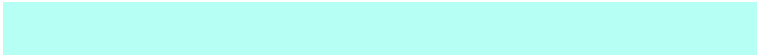
93.7746, 20.9136, 7.4781



93.7746, 9.2942, 22.5808

Sweetspot

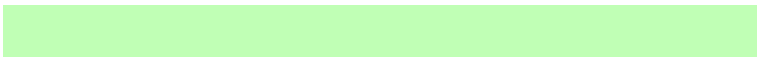
The Sweet Spot groups the original color and five complimentary colors.



93.7746, -28.3889, 2.6670



97.8295, -13.1733, 4.2874



92.7773, -35.6383, 28.6068



45.1073, -6.6555, 1.9088

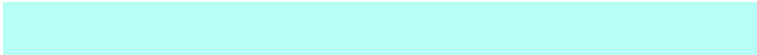
0.0000, NaN, NaN



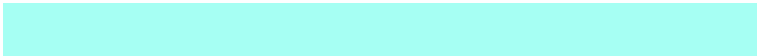
46.2646, -2.4686, 2.5136

Same Dimension

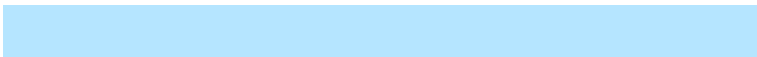
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.7746, -28.3889, 2.6670



92.7726, -32.2812, 2.4398



85.5212, -13.6723, -13.1311



45.2070, -6.2899, 1.9573



63.3264, -38.9034, 4.8289



19.7884, -11.9686, 1.1030

Inverse Universe

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



76.2041, 23.9781, 9.0259



71.8668, 30.3315, 10.1493



83.1712, 8.6958, 20.2370



42.4582, 1.8319, 2.9196



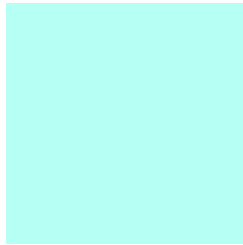
33.4405, 57.4888, 19.8961



10.4905, 18.1452, 5.3839

Previews

White Background



This preview shows how the HunterLab color 93.7744, -28.3900, 2.6676 looks on a white background.

Color Contrast Check

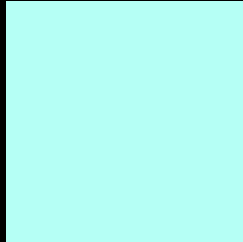
Large Text (above 18pt) WCAG AA × Fail

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 93.7744, -28.3900, 2.6676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

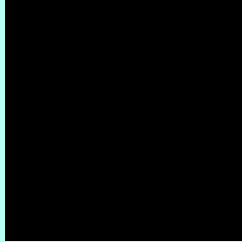
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

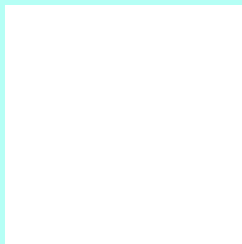
Any Text WCAG AAA ✓ Pass

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

HunterLab 93.7744, -28.3900, 2.6676 Background



This preview shows how black text looks on a background with the HunterLab color 93.7744, -28.3900, 2.6676.



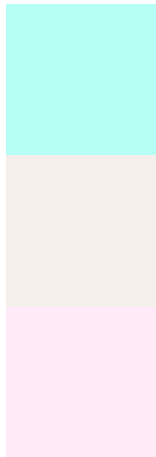
This preview shows how white text looks on a background with the HunterLab color 93.7744,

-28.3900, 2.6676.

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

93.7744, -28.3900, 2.6676

Protanopia

93.3818, -3.4957, 7.0949

Deuteranopia

93.2110, 4.6472, 1.0289



Tritanopia

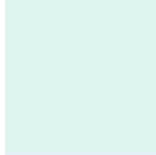
93.5041, -11.6451, -2.5768

Trichromacy



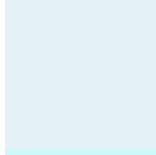
Original Color

93.7744, -28.3900, 2.6676



Protanomaly

93.3094, -13.3960, 5.3736



Deuteranomaly

93.1202, -8.5835, 1.2027



Tritanomaly

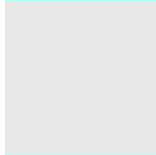
93.6459, -18.1289, -0.3969

Monochromacy



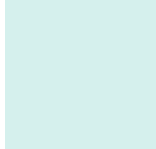
Original Color

93.7744, -28.3900, 2.6676



Achromatopsia

89.8305, -4.7931, 4.8807



Achromatomaly

90.8739, -13.8967, 3.4786

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 93.7744, -28.3900, 2.6676 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(181, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 245)  
}
```

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(181, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 245) }
```

Border

The CSS property to change the border of an element to HunterLab 93.7744, -28.3900, 2.6676 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(181, 255, 245) }
```


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

```
.border{ border-color:rgb(181, 255, 245) }
```

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

Here you see how a box with a 4 pixel rgb(181, 255, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
245) }
```

Background

The CSS property to change the background color of an element to HunterLab 93.7744, -28.3900, 2.6676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 245) }
```

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

```
.background{ background-color: rgb(181,  
255, 245) }
```

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