

Converting Colors

HunterLab(64.8402, -28.6802,
9.0696)

Have a look what the booklet for
HunterLab(64.8402, -28.6802,
9.0696) contains.

HunterLab(64.9496, -28.8787, 9.1564)	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(64.9496,
-28.8787, 9.1564)**

Conversions

Conversions Part 1

Format	Color
Hex	6DBDA0
RGB	109, 189, 160
RGB Percent	43%, 74%, 63%
CMY	0.5725, 0.2588, 0.3725
CMYK	0.42, 0.00, 0.15, 0.26
HSL	158°, 38%, 58%
HSV	158°, 42%, 74%
XYZ	30.8495, 42.1845, 39.7742
YIQ	161.7740, -38.3710, -25.9790

Conversions

Conversions Part 2

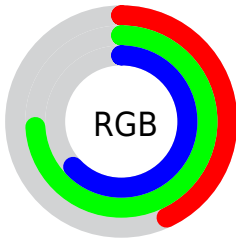
Format	Color
RYB	109, 158, 189
Decimal	7191968
CIELab	71.00, -31.38, 7.03
CIElCh	71, 32.154, 167.375
Yxy	42.1862, 0.2735, 0.3740
Android (android.graphics.Color)	4285382048 (0xFF6DBDA0)
YUV	161.7740, -0.8746, -46.2828
Hunter-Lab	64.9496, -28.8787, 9.1564

Details

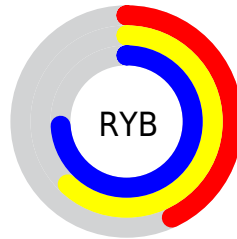
The HunterLab color **64.9496, -28.8787, 9.1564** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **48.5718, 29.0846, 1.0861**, and the grayscale version is **60.0322, -3.2032, 3.2617**.

A 20% lighter version of the original color is **88.7189, -33.4705, 11.1178**, and **43.8364, -23.9999, 7.0233** is the 20% darker color. If you saturate the color by 10%, you get **63.9378, -33.1995, 10.8105**, and if you desaturate by 10%, it is **66.1536, -23.9001, 7.6427**.

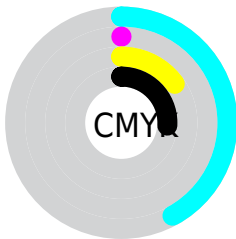
Distribution



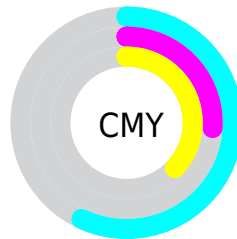
- Red (43%)
- Green (74%)
- Blue (63%)



- Red (43%)
- Yellow (62%)
- Blue (74%)



- Cyan (42%)
- Magenta (0%)
- Yellow (15%)
- Black (26%)





- Cyan (57%)
- Magenta (26%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.9496, -28.8787, 9.1564 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 64.9496, -28.8787, 9.1564 by changing the saturation by 10% instead.


 64.9496, -28.8787,
9.1564


 64.9496, -28.8787,
9.1564


188.4819,
-47.9200, 18.4738


 54.0806, -26.5280,
8.1999


 88.5897, -33.3674,
11.1123

 43.8952, -24.0762,
7.2530


 101.2947,
-35.5326, 12.1129

 34.4441, -21.4910,
6.3123


 114.5550,
-37.6590, 13.1301

 25.7898, -18.7215,
5.3707

 128.3482,
-39.7538, 14.1641

 18.0136, -15.6842,
4.4160

142.6544,
-41.8229, 15.2154

 11.2289, -13.4285,
3.4539

157.4559,

 3.3258, -5.8201,

-43.8712, 16.2841

2.3280

172.7366,
-45.9025, 17.3702

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.9496, -28.8787,
9.1564

■ 64.9496, -28.8787,
9.1564

■ 63.9378, -33.1995,
10.8105

■ 66.1536, -23.9001,
7.6427

■ 63.1099, -36.8382,
12.5807

■ 67.5471, -18.2987,
6.2847

■ 62.4596, -39.7928,
14.4415

■ 69.1301, -12.1241,
5.0961

■ 61.9750, -42.0846,
16.3633


■ 70.8994, -5.4321,
4.0852


■ 61.6392, -43.7634,


■ 72.8498, 1.7179,


18.3129


3.2560

 61.4529, -44.7493,
19.7902

 74.9751, 9.2661,
2.6087

 77.2680, 17.1552,
2.1404

 79.0908, 23.3666,
1.0429

 79.3176, 24.5285,
-2.1787

Harmonies

Analogous

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



64.9509, -23.0376, 19.2732



64.9496, -28.8787, 9.1564



64.9509, -28.3679, -5.0432

Triad

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



64.9509, -28.8795, 9.1572



64.9509, 5.2142, -27.8221



64.9509, 16.8626, 20.4111

Complementary

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



64.9496, -28.8787, 9.1564



48.5718, 29.0846, 1.0861

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.



64.9509, 25.8571, 11.0832



64.9496, -28.8787, 9.1564



64.9509, 18.7312, -17.5036

Square

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



64.9509, -28.8795, 9.1572



64.9509, -9.5491, -28.6646



64.9509, 26.5700, -2.6385



64.9509, 2.8432, 24.7277

Rectangle

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



64.9496, -28.8787, 9.1564



64.9509, -24.4947, -15.0550



64.9509, 26.5700, -2.6385



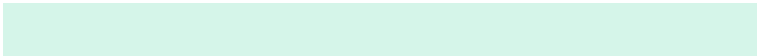
64.9509, 20.6262, 17.8661

Sweetspot

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



64.9509, -28.8795, 9.1572



92.3172, -16.9813, 6.9505



65.5232, -28.8641, 26.7775



42.5851, -8.7451, 3.3791



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



64.9509, -28.8795, 9.1572



85.6284, -44.1554, 14.3498



62.3704, -19.0539, -7.6696



32.7860, -4.7947, 2.2488



50.4215, -36.6136, 16.0158



10.0398, -6.8750, 2.2923

Inverse Universe

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



48.5718, 29.0846, 1.0861



59.6006, 48.7643, 2.0667



50.2762, 20.0349, 14.2680



30.9710, 1.5292, 1.2967



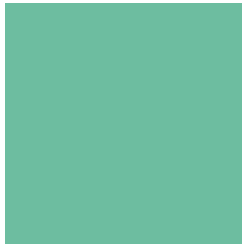
27.5278, 48.2267, 9.3807



5.5634, 9.9656, 0.1982

Previews

White Background



This preview shows how the HunterLab color 64.9496, -28.8787, 9.1564 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 64.9496, -28.8787, 9.1564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

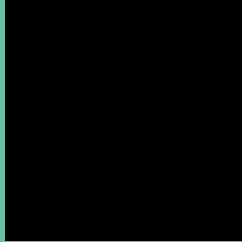
Any Text WCAG AA ✓ Pass

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 64.9496, -28.8787, 9.1564 Background



This preview shows how black text looks on a background with the HunterLab color 64.9496, -28.8787, 9.1564.



This preview shows how white text looks on a background with the HunterLab color 64.9496,

-28.8787, 9.1564.

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

64.9496, -28.8787, 9.1564

Protanopia

64.4695, -3.7481, 12.7343

Deuteranopia

64.5690, 4.7785, 7.1838



Tritanopia

65.0232, -17.8706, -8.9613

Trichromacy



Original Color

64.9496, -28.8787, 9.1564

Protanomaly

64.1424, -14.0953, 11.0184

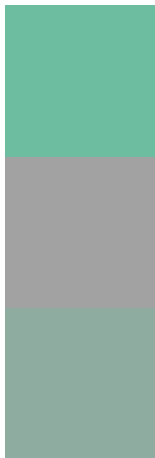
Deuteranomaly

64.0201, -9.3151, 7.1956

Tritanomaly

64.9795, -22.2909, -1.7270

Monochromacy



Original Color

64.9496, -28.8787, 9.1564

Achromatopsia

60.1088, -3.2073, 3.2658

Achromatomaly

61.5775, -13.5117, 5.2416

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9496, -28.8787, 9.1564 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(109, 189, 160)` looks like.

```
.text, #text, p{  
    color:rgb(109, 189, 160)  
}
```

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(109, 189, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 189, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9496, -28.8787, 9.1564 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(109, 189, 160) }
```


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

```
.border{ border-color:rgb(109, 189, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 189, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 189, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 189, 160);  
box-shadow:4px 4px 4px 4px rgb(109, 189,  
160) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9496, -28.8787, 9.1564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 189, 160) }
```

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

```
.background{ background-color: rgb(109,  
189, 160) }
```

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