

Converting Colors

HunterLab(68.6745, -25.9806,
-3.2603)

Have a look what the booklet for
HunterLab(68.6745, -25.9806,
-3.2603) contains.

HunterLab(68.6799, -26.0099, -3.2196)	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(68.6799,
-26.0099, -3.2196)**

Conversions

Conversions Part 1

Format	Color
Hex	6DC5C4
RGB	109, 197, 196
RGB Percent	43%, 77%, 77%
CMY	0.5725, 0.2274, 0.2314
CMYK	0.45, 0.00, 0.01, 0.23
HSL	179°, 43%, 60%
HSV	179°, 45%, 77%
XYZ	36.2368, 47.1693, 59.4193
YIQ	170.5740, -52.1270, -18.9670

Conversions

Conversions Part 2

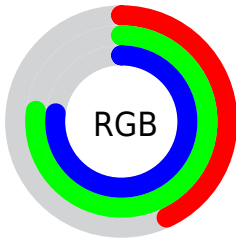
Format	Color
RYB	109, 153, 197
Decimal	7194052
CIELab	74.30, -26.66, -7.75
CIELCh	74, 27.764, 196.210
Yxy	47.1711, 0.2537, 0.3303
Android (android.graphics.Color)	4285384132 (0xFF6DC5C4)
YUV	170.5740, 12.5350, -54.0004
Hunter-Lab	68.6799, -26.0099, -3.2196

Details

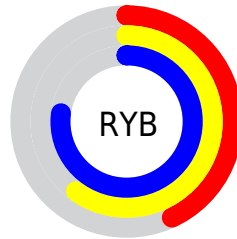
The HunterLab color **68.6799, -26.0099, -3.2196** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **48.9233, 28.6237, 12.7676**, and the grayscale version is **63.6058, -3.3938, 3.4558**.

A 20% lighter version of the original color is **92.7806, -29.8151, -2.7355**, and **47.1975, -22.0070, -3.4503** is the 20% darker color. If you saturate the color by 10%, you get **67.8589, -29.1742, -4.2101**, and if you desaturate by 10%, it is **69.6950, -22.1706, -1.9849**.

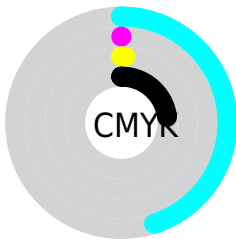
Distribution



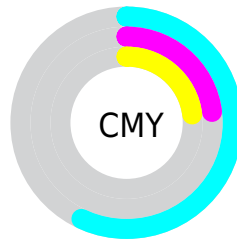
- Red (43%)
- Green (77%)
- Blue (77%)



- Red (43%)
- Yellow (60%)
- Blue (77%)



- Cyan (45%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)



- Cyan (57%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.6799, -26.0099, -3.2196 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 68.6799, -26.0099, -3.2196 by changing the saturation by 10% instead.

■ 68.6799, -26.0099,
-3.2196

■ 68.6799, -26.0099,
-3.2196

193.7775,
-43.0374, 0.9555

■ 57.5942, -23.9616,
-3.4657

■ 92.7195, -29.9600,
-2.5740

■ 47.1778, -21.8428,
-3.6564

■ 105.6104,
-31.8818, -2.1838

■ 37.4782, -19.6303,
-3.7847

■ 119.0488,
-33.7782, -1.7520

■ 28.5531, -17.2886,
-3.8429

133.0134,
-35.6547, -1.2812

■ 20.4765, -14.7603,
-3.8210

147.4849,
-37.5156, -0.7733

■ 13.3493, -11.9445,
-3.7065

162.4462,

■ 6.8988, -12.0729,

-39.3645, -0.2303

-4.3090

177.8818,
-41.2043, 0.3465

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.6799, -26.0099,
-3.2196

■ 68.6799, -26.0099,
-3.2196

■ 67.8589, -29.1742,
-4.2101

■ 69.6950, -22.1706,
-1.9849

■ 67.2210, -31.6615,
-4.9609

■ 70.9040, -17.6723,
-0.5138

■ 66.7568, -33.4923,
-5.4792

■ 72.3096, -12.5473,
1.1851

■ 66.4515, -34.7097,
-5.7814


■ 73.9103, -6.8385,
3.0980

■ 66.2847, -35.3845,


■ 75.7029, -0.5959,


-5.8931


5.2086

 66.2294, -35.6114,
-5.9062

 77.6825, 6.1263,
7.4988

 79.8428, 13.2726,
9.9498

 80.7848, 16.3383,
10.9450

 80.7912, 16.3717,
10.8532

Harmonies

Analogous

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



68.6812, -26.2468, 9.1558



68.6799, -26.0099, -3.2196



68.6812, -20.0868, -15.6844

Triad

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



68.6812, -26.0104, -3.2186



68.6812, 15.2755, -14.7860



68.6812, 2.3772, 23.0163

Complementary

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



68.6799, -26.0099, -3.2196



48.9233, 28.6237, 12.7676

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.



68.6812, 14.4538, 18.7525



68.6799, -26.0099, -3.2196



68.6812, 22.2655, -2.1595

Square

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



68.6812, -26.0104, -3.2186



68.6812, 3.4324, -23.1628



68.6812, 21.9541, 10.0363



68.6812, -10.4918, 22.8386

Rectangle

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



68.6799, -26.0099, -3.2196



68.6812, -13.4405, -21.7016



68.6812, 21.9541, 10.0363



68.6812, 6.6827, 22.0948

Sweetspot

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



68.6812, -26.0104, -3.2186



97.0678, -15.7165, 1.9446



66.6210, -38.3053, 27.5040



44.6985, -8.0267, 0.6477

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.6812, -26.0104, -3.2186



90.7977, -39.1031, -5.6529



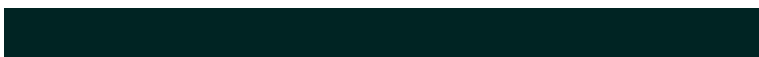
55.2717, -6.2382, -22.7168



34.7353, -4.5608, 1.0305



53.7129, -28.8758, -4.8018



11.6909, -6.2659, -1.0864

Inverse Universe

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



48.9233, 28.6237, 12.7676



59.4822, 48.8263, 20.1525



59.3982, 7.0649, 22.2818



32.6173, 1.1407, 2.6902



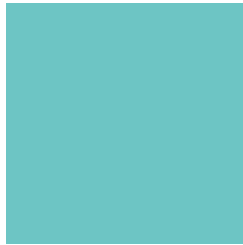
27.9495, 47.8789, 17.9473



6.0876, 10.4398, 3.8202

Previews

White Background



This preview shows how the HunterLab color 68.6799, -26.0099, -3.2196 looks on a white background.

Color Contrast Check

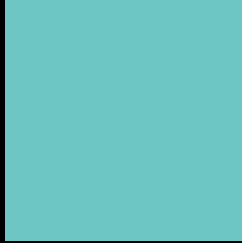
Large Text (above 18pt) WCAG AA × Fail

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 68.6799, -26.0099, -3.2196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

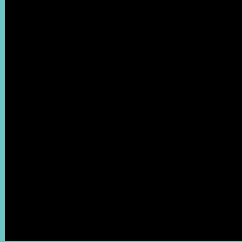
Any Text WCAG AA ✓ Pass

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 68.6799, -26.0099, -3.2196 Background



This preview shows how black text looks on a background with the HunterLab color 68.6799, -26.0099, -3.2196.



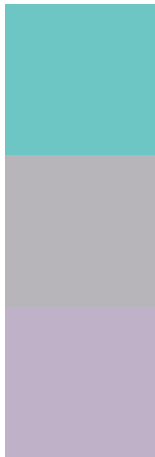
This preview shows how white text looks on a background with the HunterLab color 68.6799,

-26.0099, -3.2196.

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

68.6799, -26.0099, -3.2196

Protanopia

68.3983, -1.8581, 1.8459

Deuteranopia

68.3307, 4.8538, -5.2238



Tritanopia

68.6979, -21.5939, -10.6695

Trichromacy



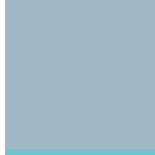
Original Color

68.6799, -26.0099, -3.2196



Protanomaly

68.1370, -11.9117, -0.6128



Deuteranomaly

67.8097, -7.7200, -5.5952



Tritanomaly

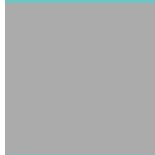
68.7985, -23.2543, -7.7888

Monochromacy



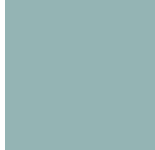
Original Color

68.6799, -26.0099, -3.2196



Achromatopsia

63.8154, -3.4050, 3.4672



Achromatomaly

64.9875, -12.7264, 0.4278

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.6799, -26.0099, -3.2196 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, 197, 196)` looks like.

```
.text, #text, p{  
    color:rgb(109, 197, 196)  
}
```

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, 197, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 197, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 68.6799, -26.0099, -3.2196 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, 197, 196) }
```


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

```
.border{ border-color:rgb(109, 197, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 197, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 197, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 197, 196);  
box-shadow:4px 4px 4px 4px rgb(109, 197,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.6799, -26.0099, -3.2196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 197, 196) }
```

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

```
.background{ background-color: rgb(109,  
197, 196) }
```

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