

Converting Colors

HunterLab(66.3633, -27.5098,
-12.1259)

Have a look what the booklet for
HunterLab(66.3633, -27.5098,
-12.1259) contains.

HunterLab(66.3208, -27.4289, -12.3870)	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(66.3208,
-27.4289, -12.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	47C1CF
RGB	71, 193, 207
RGB Percent	28%, 76%, 81%
CMY	0.7215, 0.2431, 0.1882
CMYK	0.66, 0.07, 0.00, 0.19
HSL	186°, 59%, 55%
HSV	186°, 66%, 81%
XYZ	32.9310, 43.9845, 65.7856
YIQ	158.1180, -77.2060, -21.5100

Conversions

Conversions Part 2

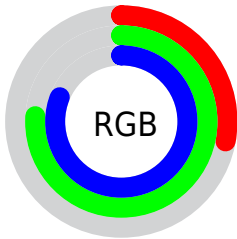
Format	Color
RYB	71, 135, 207
Decimal	4702671
CIELab	72.22, -29.07, -16.98
CIELCh	72, 33.668, 210.281
Yxy	43.9861, 0.2308, 0.3082
Android (android.graphics.Color)	4282892751 (0xFF47C1CF)
YUV	158.1180, 24.0988, -76.4025
Hunter-Lab	66.3208, -27.4289, -12.3870

Details

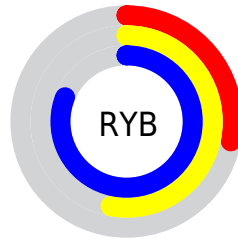
The HunterLab color **66.3208, -27.4289, -12.3870** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **44.9651, 40.8760, 20.5607**, and the grayscale version is **58.4507, -3.1188, 3.1757**.

A 20% lighter version of the original color is **89.8566, -33.6347, -7.6445**, and **45.5688, -21.0570, -11.5009** is the 20% darker color. If you saturate the color by 10%, you get **65.1129, -28.4265, -14.1286**, and if you desaturate by 10%, it is **67.7167, -25.7381, -10.4102**.

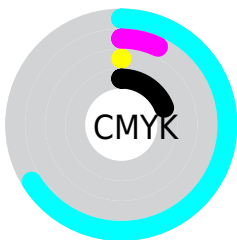
Distribution



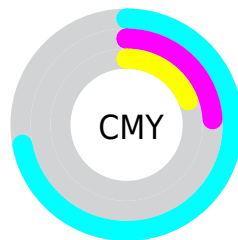
- Red (28%)
- Green (76%)
- Blue (81%)



- Red (28%)
- Yellow (53%)
- Blue (81%)



- Cyan (66%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)



- Cyan (72%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.3208, -27.4289, -12.3870 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 66.3208, -27.4289, -12.3870 by changing the saturation by 10% instead.

66.3208, -27.4289,
-12.3870

66.3208, -27.4289,
-12.3870

190.4341,
-45.4847, -11.1575

55.3711, -25.2249,
-12.2561

90.1093, -31.6542,
-12.4622

45.0996, -22.9350,
-12.0593

102.8834,
-33.7005, -12.4164

35.5560, -20.5307,
-11.7918

116.2098,
-35.7144, -12.3193

26.8005, -17.9682,
-11.4520

130.0666,
-37.7024, -12.1738

18.9119, -15.1764,
-11.0467

144.4341,
-39.6696, -11.9827

11.9986, -12.4286,
-10.6135

159.2949,

4.9566, -8.6741,

-41.6202, -11.7482

-14.9767

174.6331,
-43.5576, -11.4725

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 66.3208, -27.4289,
-12.3870

■ 66.3208, -27.4289,
-12.3870

■ 65.1129, -28.4265,
-14.1286

■ 67.7167, -25.7381,
-10.4102

■ 64.0775, -28.7635,
-15.6410

■ 69.3032, -23.3467,
-8.2075

■ 63.1966, -28.5082,
-16.9406

■ 71.0840, -20.2684,
-5.7910

■ 62.8442, -28.2970,
-17.4647

■ 73.0583, -16.5323,
-3.1785

■ 75.2229, -12.1788,

-0.3898

■ 77.5727, -7.2551,
2.5537

■ 80.1011, -1.8124,
5.6312

■ 82.8008, 4.0972,
8.8228

■ 85.4060, 9.5710,
11.8134

Harmonies

Analogous

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



66.3220, -30.8616, 3.4703



66.3208, -27.4289, -12.3870



66.3220, -17.7181, -26.1324

Triad

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



66.3220, -27.4290, -12.3860



66.3220, 24.4613, -12.0877



66.3220, -3.6890, 26.2123

Complementary

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



66.3208, -27.4289, -12.3870



44.9651, 40.8760, 20.5607

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.



66.3220, 11.9341, 23.8594



66.3208, -27.4289, -12.3870



66.3220, 29.0693, 3.7495

Square

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



66.3220, -27.4290, -12.3860



66.3220, 12.2113, -25.9342



66.3220, 24.2912, 16.4059



66.3220, -17.9503, 23.7682

Rectangle

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



66.3208, -27.4289, -12.3870



66.3220, -8.5126, -30.9717



66.3220, 24.2912, 16.4059



66.3220, 1.5788, 25.9641

Sweetspot

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



66.3220, -27.4290, -12.3860



93.9540, -18.0160, -2.1239



68.2757, -50.1059, 33.8016



43.1098, -9.0511, -1.4447

0.0000, NaN, NaN



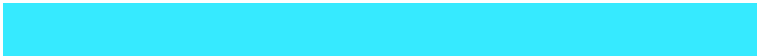
46.2646, -2.4686, 2.5136

Same Dimension

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



66.3220, -27.4290, -12.3860



81.8461, -36.2668, -18.7363



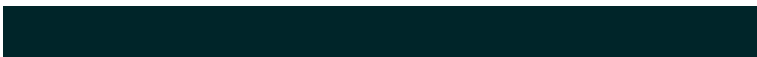
45.4038, 4.0729, -49.0377



36.3186, -4.3334, 0.6833



49.9639, -22.5636, -13.7422



12.0710, -5.6573, -2.8753

Inverse Universe

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



46.5010, 63.0022, -34.5731



54.6007, 92.1904, -49.4847



60.3105, 7.5062, 31.4328



34.6225, 2.5985, -0.8087



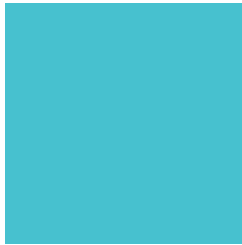
32.5444, 62.5963, -32.1714



7.7356, 14.9418, -8.1360

Previews

White Background



This preview shows how the HunterLab color 66.3208, -27.4289, -12.3870 looks on a white background.

Color Contrast Check

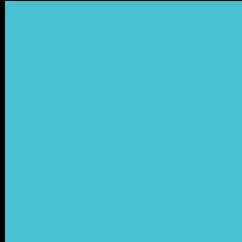
Large Text (above 18pt) WCAG AA × Fail

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 66.3208, -27.4289, -12.3870 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

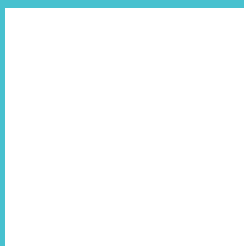
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.3208, -27.4289, -12.3870 Background



This preview shows how black text looks on a background with the HunterLab color 66.3208, -27.4289, -12.3870.



This preview shows how white text looks on a background with the HunterLab color 66.3208,

-27.4289, -12.3870.

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

66.3208, -27.4289, -12.3870

Protanopia

65.9426, -0.5896, -5.7979

Deuteranopia

65.8578, 4.8607, -15.4093



Tritanopia

66.3865, -27.1029, -12.8629

Trichromacy



Original Color

66.3208, -27.4289, -12.3870



Protanomaly

65.4321, -13.0511, -8.8702



Deuteranomaly

65.2794, -9.5918, -15.3215



Tritanomaly

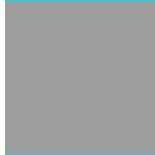
66.3865, -27.1029, -12.8629

Monochromacy



Original Color

66.3208, -27.4289, -12.3870



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

60.5772, -14.6535, -3.1306

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.3208, -27.4289, -12.3870 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(71, 193, 207)` looks like.

```
.text, #text, p{  
    color:rgb(71, 193, 207)  
}
```

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(71, 193, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 193, 207) }
```

Border

The CSS property to change the border of an element to HunterLab 66.3208, -27.4289, -12.3870 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(71, 193, 207) }
```


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

```
.border{ border-color:rgb(71, 193, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 193, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 193, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 193, 207);  
box-shadow:4px 4px 4px 4px rgb(71, 193,  
207) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.3208, -27.4289, -12.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 193, 207) }
```

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

```
.background{ background-color: rgb(71, 193,  
207) }
```

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