

Converting Colors

HunterLab(68.4732, -21.3822,
-12.6415)

Have a look what the booklet for
HunterLab(68.4732, -21.3822,
-12.6415) contains.

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Color

**HunterLab(68.6189,
-21.6697, -12.4892)**

Conversions

Conversions Part 1

Format	Color
Hex	6DC3D5
RGB	109, 195, 213
RGB Percent	43%, 76%, 84%
CMY	0.5725, 0.2353, 0.1647
CMYK	0.49, 0.08, 0.00, 0.16
HSL	190°, 55%, 63%
HSV	190°, 49%, 84%
XYZ	37.8320, 47.0855, 70.0452
YIQ	171.3380, -57.0340, -12.6340

Conversions

Conversions Part 2

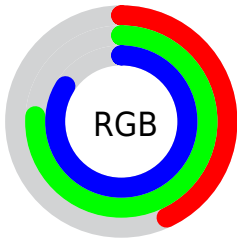
Format	Color
RYB	109, 156, 213
Decimal	7193557
CIELab	74.25, -21.19, -17.06
CIELCh	74, 27.199, 218.837
Yxy	47.0873, 0.2441, 0.3039
Android (android.graphics.Color)	4285383637 (0xFF6DC3D5)
YUV	171.3380, 20.5394, -54.6704
Hunter-Lab	68.6189, -21.6697, -12.4892

Details

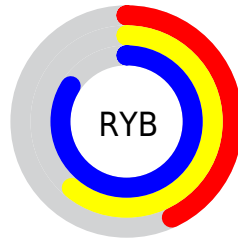
The HunterLab color **68.6189, -21.6697, -12.4892** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **55.1634, 25.7505, 18.8905**, and the grayscale version is **63.8913, -3.4091, 3.4713**.

A 20% lighter version of the original color is **92.1671, -28.4615, -4.5653**, and **47.0603, -18.1956, -12.0742** is the 20% darker color. If you saturate the color by 10%, you get **66.5316, -23.3135, -15.5114**, and if you desaturate by 10%, it is **70.9072, -19.3263, -9.2836**.

Distribution



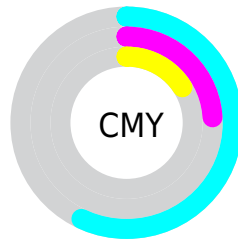
- Red (43%)
- Green (76%)
- Blue (84%)



- Red (43%)
- Yellow (61%)
- Blue (84%)



- Cyan (49%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (57%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.6189, -21.6697, -12.4892 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 68.6189, -21.6697, -12.4892 by changing the saturation by 10% instead.

■ 68.6189, -21.6697,
-12.4892

■ 68.6189, -21.6697,
-12.4892

193.6913,
-36.5020, -11.1957

■ 57.5367, -19.9342,
-12.3684

■ 92.6520, -25.0499,
-12.5463

■ 47.1239, -18.1526,
-12.1827

■ 105.5399,
-26.7092, -12.4925

■ 37.4284, -16.3077,
-11.9270

■ 118.9755,
-28.3553, -12.3880

■ 28.5076, -14.3732,
-11.5990

132.9373,
-29.9923, -12.2356

■ 20.4357, -12.3063,
-11.2034

147.4062,
-31.6231, -12.0381

■ 13.3139, -10.0308,
-10.7682

162.3649,

■ 6.8558, -11.9976,

-33.2504, -11.7975

-11.7154

177.7980,
-34.8761, -11.5161

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 68.6189, -21.6697,
-12.4892

■ 68.6189, -21.6697,
-12.4892

■ 66.5316, -23.3135,
-15.5114

■ 70.9072, -19.3263,
-9.2836

■ 64.6416, -24.2369,
-18.3324

■ 73.3888, -16.3174,
-5.9218

■ 62.9462, -24.4421,
-20.9358

■ 76.0592, -12.6883,
-2.4271

■ 61.4352, -23.9613,
-23.3169

■ 78.9112, -8.4893,
1.1773

■ 60.0797, -22.9024,

■ 81.9361, -3.7728,

-25.5043

4.8700

■ 59.9242, -22.7641,
-25.7588

■ 85.1254, 1.4094,
8.6326

■ 88.1336, 5.8810,
12.0611

■ 89.2419, 3.9191,
13.2356

■ 90.3604, 1.9642,
14.4083

Harmonies

Analogous

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



68.6202, -26.1671, 0.0699



68.6189, -21.6697, -12.4892



68.6202, -12.2610, -21.6521

Triad

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



68.6202, -21.6701, -12.4881



68.6202, 20.6258, -5.1922



68.6202, -7.3763, 22.9535

Complementary

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



68.6189, -21.6697, -12.4892



55.1634, 25.7505, 18.8905

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.



68.6202, 5.3760, 22.0595



68.6189, -21.6697, -12.4892



68.6202, 22.1714, 7.2088

Square

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



68.6202, -21.6701, -12.4881



68.6202, 12.3304, -16.9358



68.6202, 16.4120, 16.7646



68.6202, -18.3176, 19.4785

Rectangle

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



68.6189, -21.6697, -12.4892



68.6202, -4.1602, -23.7863



68.6202, 16.4120, 16.7646



68.6202, -3.1685, 23.1385

Sweetspot

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



68.6202, -21.6701, -12.4881



94.4999, -13.7433, -1.3679



72.3573, -43.0222, 27.5653



43.3806, -6.8498, -1.0654

0.0000, NaN, NaN



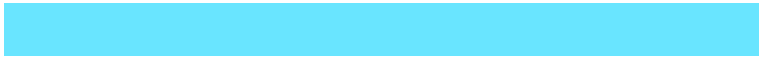
46.2646, -2.4686, 2.5136

Same Dimension

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



68.6202, -21.6701, -12.4881



81.3720, -28.7009, -19.2954



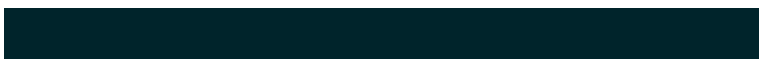
52.8228, 2.9930, -38.0574



37.0474, -4.1201, 0.4509



46.9762, -17.9806, -19.9012



11.9564, -4.9677, -4.2206

Inverse Universe

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



53.8748, 47.3959, -22.7943



60.7674, 71.0293, -33.6117



68.7205, -0.2866, 29.8565



35.4881, 2.5618, -0.5269



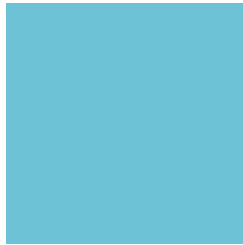
32.5155, 61.6239, -25.0355



8.0476, 15.3529, -6.9794

Previews

White Background



This preview shows how the HunterLab color 68.6189, -21.6697, -12.4892 looks on a white background.

Color Contrast Check

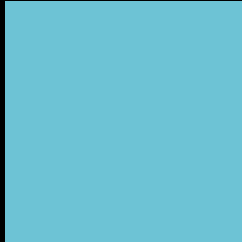
Large Text (above 18pt) WCAG AA × Fail

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 68.6189, -21.6697, -12.4892 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

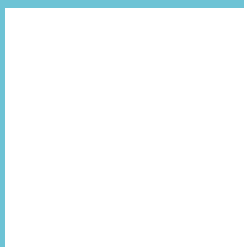
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.6189, -21.6697, -12.4892 Background



This preview shows how black text looks on a background with the HunterLab color 68.6189, -21.6697, -12.4892.



This preview shows how white text looks on a background with the HunterLab color 68.6189,

-21.6697, -12.4892.

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

68.6189, -21.6697, -12.4892

Protanopia

68.1317, -0.1264, -7.1875

Deuteranopia

68.1169, 5.3683, -15.0717



Tritanopia

68.4993, -22.2649, -11.5234

Trichromacy



Original Color

68.6189, -21.6697, -12.4892

Protanomaly

67.8050, -8.7544, -9.9904

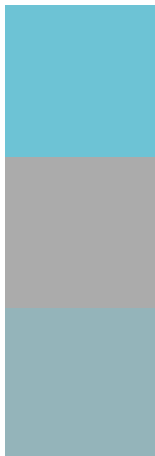
Deuteranomaly

67.9760, -5.9048, -14.8812

Tritanomaly

68.5360, -22.0539, -12.0389

Monochromacy



Original Color

68.6189, -21.6697, -12.4892

Achromatopsia

63.8154, -3.4050, 3.4672

Achromatomaly

65.1794, -11.6490, -2.2976

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.6189, -21.6697, -12.4892 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, 195, 213)` looks like.

```
.text, #text, p{  
    color:rgb(109, 195, 213)  
}
```

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, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 195, 213) }
```

Border

The CSS property to change the border of an element to HunterLab 68.6189, -21.6697, -12.4892 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, 195, 213) }
```


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

```
.border{ border-color:rgb(109, 195, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 195, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 195, 213);  
box-shadow:4px 4px 4px 4px rgb(109, 195,  
213) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.6189, -21.6697, -12.4892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 195, 213) }
```

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

```
.background{ background-color: rgb(109,  
195, 213) }
```

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](#).

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