

Converting Colors

HunterLab(66.0678, 13.4476,
-5.3337)

Have a look what the booklet for
HunterLab(66.0678, 13.4476,
-5.3337) contains.

HunterLab(66.1582, 13.3090, -5.2704)	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(66.1582, 13.3090,
-5.2704)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA6C3
RGB	202, 166, 195
RGB Percent	79%, 65%, 76%
CMY	0.2078, 0.3490, 0.2353
CMYK	0.00, 0.18, 0.03, 0.21
HSL	312°, 25%, 72%
HSV	312°, 18%, 79%
XYZ	47.8436, 43.7691, 57.5563
YIQ	180.0700, 12.1470, 16.6510

Conversions

Conversions Part 2

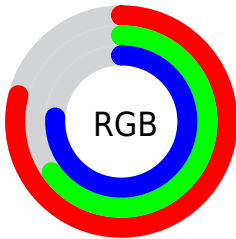
Format	Color
R_{YB}	202, 166, 195
Decimal	13280963
CIE _{Lab}	72.08, 18.11, -9.86
CIE _{LCh}	72, 20.618, 331.435
Yxy	43.7710, 0.3207, 0.2934
Android (android.graphics.Color)	4291471043 (0xFFCAA6C3)
YUV	180.0700, 7.3605, 19.2326
Hunter-Lab	66.1582, 13.3090, -5.2704

Details

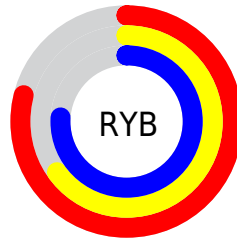
The HunterLab color $66.1582, 13.3090, -5.2704$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73.0523, -19.3743, 12.5862$, and the grayscale version is $67.5553, -3.6046, 3.6704$.

A 20% lighter version of the original color is $89.4434, 12.4423, -5.7156$, and $45.0040, 12.6180, -5.2464$ is the 20% darker color. If you saturate the color by 10%, you get $60.6787, 23.3016, -10.4053$, and if you desaturate by 10%, it is $72.0285, 3.4603, 0.0027$.

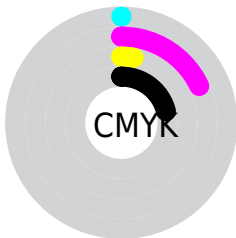
Distribution



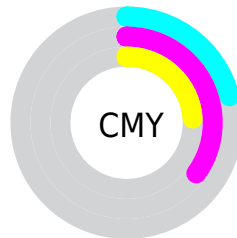
- Red (79%)
- Green (65%)
- Blue (76%)



- Red (79%)
- Yellow (65%)
- Blue (76%)



- Cyan (0%)
- Magenta (18%)
- Yellow (3%)
- Black (21%)



- Cyan (21%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.1582, 13.3090, -5.2704 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 66.1582, 13.3090, -5.2704 by changing the saturation by 10% instead.

66.1582, 13.3090,
-5.2704

66.1582, 13.3090,
-5.2704

190.2033, 13.2236,
-1.8590

55.2182, 13.0022,
-5.4141

89.9294, 13.6903,
-4.8158

44.9569, 12.6097,
-5.4977

102.6954, 13.7824,
-4.5157

35.4241, 12.1173,
-5.5136

116.0140, 13.8153,
-4.1708

26.6805, 11.5093,
-5.4535

129.8633, 13.7934,
-3.7840

18.8051, 10.7648,
-5.3084

144.2236, 13.7203,
-3.3575

11.9068, 9.8575,
-5.0700

159.0774, 13.5992,

4.7931, 16.2070,

-2.8933

-8.2652

174.4088, 13.4328,
-2.3933

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.1582, 13.3090,
-5.2704

■ 66.1582, 13.3090,
-5.2704

■ 60.6787, 23.3016,
-10.4053

■ 72.0285, 3.4603,
0.0027

■ 55.6520, 33.3211,
-15.2975

■ 78.2301, -6.1850,
5.3433

■ 51.1569, 43.1373,
-19.7811

■ 84.7193, -15.6153,
10.7136

■ 47.2782, 52.3813,
-23.6253

■ 91.4592, -24.8393,
16.0922

■ 44.0988, 60.5356,

■ 94.3211, -28.1656,

-26.5447

17.3659

■ 41.6837, 66.9984,
-28.2503

■ 94.4291, -27.5475,
15.8113

■ 40.0547, 71.2537,
-28.5485

■ 94.5396, -26.9161,
14.2232

■ 39.1373, 73.2053,
-27.5046

■ 94.6526, -26.2715,
12.6017

■ 38.9756, 73.5054,
-27.2059

■ 94.7681, -25.6135,
10.9466

Harmonies

Analogous

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



66.1596, 6.2772, -13.0288



66.1582, 13.3090, -5.2704



66.1596, 15.7598, 4.0355

Triad

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



66.1596, 13.3071, -5.2691



66.1596, -3.9911, 18.7393



66.1596, -18.4261, -6.1298

Complementary

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



66.1582, 13.3090, -5.2704



73.0523, -19.3743, 12.5862

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.



66.1596, -20.8418, 3.1640



66.1582, 13.3090, -5.2704



66.1596, -12.8042, 16.7920

Square

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



66.1596, 13.3071, -5.2691



66.1596, 5.4401, 17.1313



66.1596, -18.8421, 11.3915



66.1596, -12.0532, -13.5730

Rectangle

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



66.1582, 13.3090, -5.2704



66.1596, 14.3650, 9.6489



66.1596, -18.8421, 11.3915



66.1596, -19.7111, -3.0773

Sweetspot

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



66.1596, 13.3071, -5.2691



95.9033, 1.0215, 1.9095



63.5434, 5.2197, -12.8911



44.1068, 0.8886, 0.6549

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.1596, 13.3071, -5.2691



83.5528, 21.8084, -9.1992



65.5906, 10.3221, 2.8070



33.7118, 2.3739, -0.3970



31.2854, 59.0358, -22.0978



7.1748, 13.6520, -5.9450

Inverse Universe

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



66.1596, 13.3071, -5.2691



83.5528, 21.8084, -9.1992



73.5481, -16.5633, 5.4800



33.7118, 2.3739, -0.3970



31.2854, 59.0358, -22.0978



7.1748, 13.6520, -5.9450

Previews

White Background



This preview shows how the HunterLab color 66.1582, 13.3090, -5.2704 looks on a white background.

Color Contrast Check

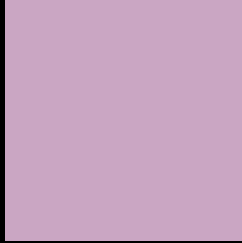
Large Text (above 18pt) WCAG AA × Fail

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 66.1582, 13.3090, -5.2704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

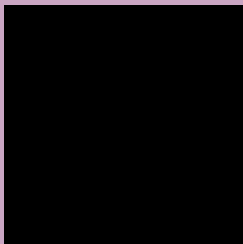
Any Text WCAG AA ✓ Pass

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 66.1582, 13.3090, -5.2704 Background



This preview shows how black text looks on a background with the HunterLab color 66.1582, 13.3090, -5.2704.



This preview shows how white text looks on a background with the HunterLab color 66.1582, 13.3090, -5.2704.

-5.2704.

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

66.1582, 13.3090, -5.2704

Protanopia

66.4469, 0.0411, -8.3615

Deuteranopia

66.2112, 4.7454, -4.8217



Tritanopia

66.0461, 9.1810, 1.6138

Trichromacy



Original Color

66.1582, 13.3090, -5.2704

Protanomaly

66.1959, 5.0392, -7.5181

Deuteranomaly

66.2201, 7.7077, -4.7582

Tritanomaly

66.0304, 10.8776, -0.8343

Monochromacy



Original Color

66.1582, 13.3090, -5.2704

Achromatopsia

67.5582, -3.6047, 3.6706

Achromatomaly

66.9732, 2.2691, 0.6749

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.1582, 13.3090, -5.2704 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(202, 166, 195)` looks like.

```
.text, #text, p{  
    color:rgb(202, 166, 195)  
}
```

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(202, 166, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 166, 195) }
```

Border

The CSS property to change the border of an element to HunterLab 66.1582, 13.3090, -5.2704 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(202, 166, 195) }
```


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

```
.border{ border-color:rgb(202, 166, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 166, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 166, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 166, 195);  
box-shadow:4px 4px 4px 4px rgb(202, 166,  
195) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.1582, 13.3090, -5.2704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 166, 195) }
```

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

```
.background{ background-color: rgb(202,  
166, 195) }
```

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