

Converting Colors

HunterLab(49.9690, 65.3498,
-45.4059)

Have a look what the booklet for
HunterLab(49.9690, 65.3498,
-45.4059) contains.

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Color

**HunterLab(49.9889, 65.2698,
-45.1080)**

Conversions

Conversions Part 1

Format	Color
Hex	D551D8
RGB	213, 81, 216
RGB Percent	84%, 32%, 85%
CMY	0.1647, 0.6823, 0.1529
CMYK	0.01, 0.62, 0.00, 0.15
HSL	299°, 63%, 58%
HSV	299°, 62%, 85%
XYZ	42.7777, 24.9889, 67.5345
YIQ	135.8580, 35.3370, 69.9690

Conversions

Conversions Part 2

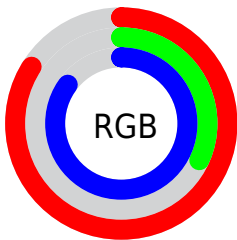
Format	Color
R _Y B	213, 81, 216
Decimal	13980120
CIE Lab	57.07, 68.24, -44.59
CIE LCh	57, 81.515, 326.839
Yxy	24.9900, 0.3162, 0.1847
Android (android.graphics.Color)	4292170200 (0xFFD551D8)
YUV	135.8580, 39.5100, 67.6535
Hunter-Lab	49.9889, 65.2698, -45.1080

Details

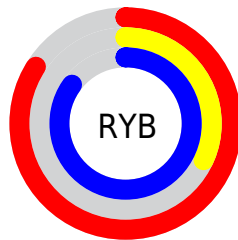
The HunterLab color $49.9889, 65.2698, -45.1080$ is a light color, and the websafe version is hex $CC33CC$. The color can be described as light muted magenta. A complement of this color would be $71.8271, -51.8936, 36.9242$, and the grayscale version is $49.4021, -2.6360, 2.6841$.

A 20% lighter version of the original color is $68.3059, 59.1543, -38.9948$, and $30.9950, 60.8416, -44.3351$ is the 20% darker color. If you saturate the color by 10%, you get $47.1195, 73.9260, -51.4174$, and if you desaturate by 10%, it is $53.6642, 55.0578, -37.7453$.

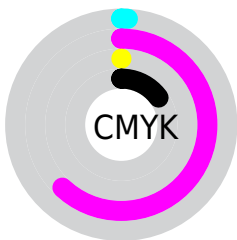
Distribution



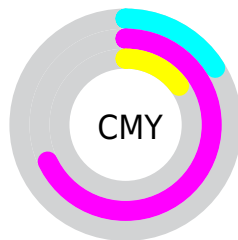
- Red (84%)
- Green (32%)
- Blue (85%)



- Red (84%)
- Yellow (32%)
- Blue (85%)



- Cyan (1%)
- Magenta (62%)
- Yellow (0%)
- Black (15%)





- Cyan (16%)
- Magenta (68%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.9889, 65.2698, -45.1080 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 49.9889, 65.2698, -45.1080 by changing the saturation by 10% instead.


 49.9889, 65.2698,
-45.1080


 49.9889, 65.2698,
-45.1080


166.6698, 81.7117,
-50.6681


 40.0869, 63.0106,
-44.4936


 71.8617, 69.5653,
-46.5046


 30.9410, 60.7405,
-44.0630

 83.7499, 71.5761,
-47.2063

 22.6209, 58.5823,
-44.0373

 96.2297, 73.4906,
-47.8829

 15.2188, 56.8644,
-44.9537

 109.2744, 75.3105,
-48.5247

 8.8443, 56.8478,
-48.5795

122.8605, 77.0387,
-49.1263

0.0000, INF, -NF

0.0000, NaN, -NF

136.9671, 78.6791,

-49.6849

0.0000, NaN, NaN

151.5758, 80.2354,
-50.1990

■ 49.9889, 65.2698,
-45.1080

■ 49.9889, 65.2698,
-45.1080

■ 47.1195, 73.9260,
-51.4174

■ 53.6642, 55.0578,
-37.7453

■ 45.0944, 80.3898,
-56.2231

■ 58.0648, 43.9430,
-29.7884

■ 43.8938, 84.2586,
-59.2315

■ 63.1020, 32.4358,
-21.5906

■ 43.4012, 85.7489,
-60.5050

■ 68.6874, 20.8800,
-13.3875

■ 74.7420, 9.4755,
-5.3136

■ 81.1985, -1.6796,
2.5673

■ 88.0008, -12.5513,
10.2354

■ 95.1032, -23.1414,
17.6952

■ 95.5399, -23.5851,
18.1418

Harmonies

Analogous

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



49.9900, 30.6722, -91.6621



49.9889, 65.2698, -45.1080



49.9900, 81.5424, -0.8583

Triad

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



49.9900, 65.2677, -45.1060



49.9900, 1.0137, 33.5624



49.9900, -48.9055, -34.6300

Complementary

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



49.9889, 65.2698, -45.1080



71.8271, -51.8936, 36.9242

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.



49.9900, -52.8958, 6.0540



49.9889, 65.2698, -45.1080



49.9900, -29.0634, 32.5568

Square

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



49.9900, 65.2677, -45.1060



49.9900, 38.6934, 31.8862



49.9900, -46.7174, 26.2907



49.9900, -33.8334, -83.2595

Rectangle

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



49.9889, 65.2698, -45.1080



49.9900, 77.2660, 17.6794



49.9900, -46.7174, 26.2907



49.9900, -51.3764, -19.0404

Sweetspot

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



49.9900, 65.2677, -45.1060



85.2551, 20.6020, -12.8998



36.4478, 29.6446, -82.7031



38.4889, 11.3805, -7.2780

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.9900, 65.2677, -45.1060



55.9658, 92.0342, -64.1301



47.7334, 54.8735, -7.0613



35.5218, 2.7834, -1.3262



33.4006, 65.9851, -46.5225



8.2307, 16.2457, -11.3512

Inverse Universe

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



45.9619, 47.1928, 18.3266



50.3150, 68.4096, 25.7574



72.7155, -46.2833, 22.4815



35.2494, 1.2798, 2.8733



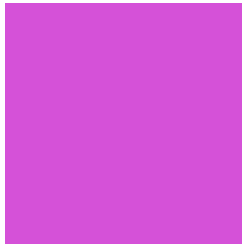
29.4099, 50.3936, 18.7847



7.2339, 12.4175, 4.4482

Previews

White Background



This preview shows how the HunterLab color 49.9889, 65.2698, -45.1080 looks on a white background.

Color Contrast Check

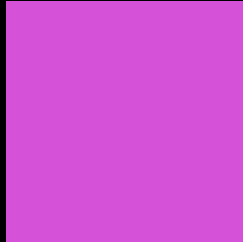
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.9889, 65.2698, -45.1080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

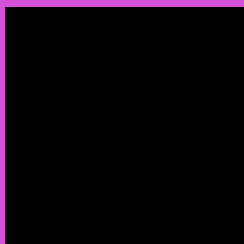
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 49.9889, 65.2698, -45.1080 Background



This preview shows how black text looks on a background with the HunterLab color 49.9889, 65.2698, -45.1080.



This preview shows how white text looks on a background with the HunterLab color 49.9889, 65.2698, -45.1080.

-45.1080.

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

49.9889, 65.2698, -45.1080

Protanopia

50.4489, 15.2487, -79.8343

Deuteranopia

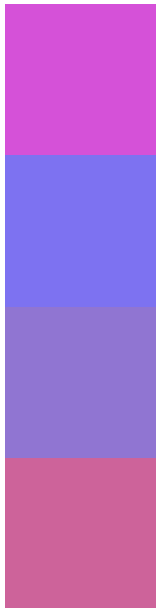
50.3980, 4.0104, -38.3215



Tritanopia

49.8772, 30.5763, 10.8953

Trichromacy



Original Color

49.9889, 65.2698, -45.1080

Protanomaly

47.6922, 30.1383, -73.5409

Deuteranomaly

48.2753, 24.5801, -44.7073

Tritanomaly

49.2300, 42.4612, -5.7405

Monochromacy



Original Color

49.9889, 65.2698, -45.1080

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

48.0624, 21.1686, -13.9266

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9889, 65.2698, -45.1080 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(213, 81, 216)` looks like.

```
.text, #text, p{  
    color:rgb(213, 81, 216)  
}
```

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(213, 81, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 81, 216) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9889, 65.2698, -45.1080 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(213, 81, 216) }
```


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

```
.border{ border-color:rgb(213, 81, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 81, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 81, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 81, 216);  
box-shadow:4px 4px 4px 4px rgb(213, 81,  
216) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9889, 65.2698, -45.1080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 81, 216) }
```

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

```
.background{ background-color: rgb(213, 81,  
216) }
```

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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