

# Converting Colors

HunterLab(50.3981, 64.0180,  
-45.8567)

Have a look what the booklet for  
HunterLab(50.3981, 64.0180,  
-45.8567) contains.

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# Color

**HunterLab(50.3981, 64.0180,  
-45.8567)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D454DA
RGB	212, 84, 218
RGB Percent	83%, 33%, 85%
CMY	0.1686, 0.6706, 0.1451
CMYK	0.03, 0.61, 0.00, 0.15
HSL	297°, 64%, 59%
HSV	297°, 61%, 85%
XYZ	42.9766, 25.3997, 68.9673
YIQ	137.5480, 33.2740, 68.8100

# Conversions

## Conversions Part 2

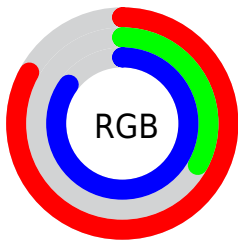
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 84, 218
Decimal	13915354
CIE Lab	57.46, 67.12, -45.10
CIE LCh	57, 80.861, 326.100
Yxy	25.4008, 0.3129, 0.1849
Android (android.graphics.Color)	4292105434 (0xFFD454DA)
YUV	137.5480, 39.6628, 65.2944
Hunter-Lab	50.3981, 64.0180, -45.8567

# Details

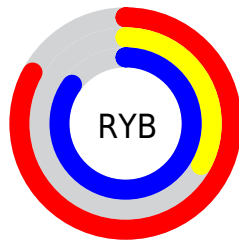
The HunterLab color **50.3981, 64.0180, -45.8567** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **72.7717, -51.5838, 37.1039**, and the grayscale version is **50.0730, -2.6718, 2.7206**.

A 20% lighter version of the original color is **68.9418, 57.5231, -37.8740**, and **31.2514, 59.4988, -44.5521** is the 20% darker color. If you saturate the color by 10%, you get **47.3100, 72.8816, -52.6984**, and if you desaturate by 10%, it is **54.2889, 53.6863, -38.0480**.

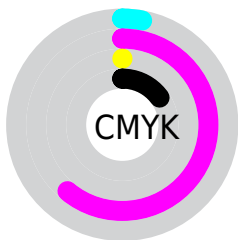
# Distribution



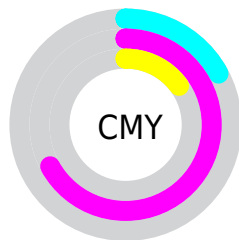
- Red (83%)
- Green (33%)
- Blue (85%)



- Red (83%)
- Yellow (33%)
- Blue (85%)



- Cyan (3%)
- Magenta (61%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (67%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.3981, 64.0180, -45.8567 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 50.3981, 64.0180, -45.8567 by changing the saturation by 10% instead.



50.3981, 64.0180,  
-45.8567

50.3981, 64.0180,  
-45.8567

167.2807, 80.1383,  
-51.4754

40.4672, 61.7853,  
-45.2432

72.3234, 68.2470,  
-47.2589

31.2899, 59.5308,  
-44.8171

84.2357, 70.2217,  
-47.9659

22.9354, 57.3662,  
-44.7998

96.7385, 72.0994,  
-48.6489

15.4945, 55.5903,  
-45.7257

109.8052, 73.8823,  
-49.2980

9.0901, 55.2114,  
-49.2287

123.4124, 75.5737,  
-49.9075

0.0000, INF, -NF

0.0000, NaN, -NF

137.5393, 77.1775,

-50.4744

0.0000, NaN, NaN

152.1676, 78.6977,  
-50.9972

■ 50.3981, 64.0180,  
-45.8567

■ 50.3981, 64.0180,  
-45.8567

■ 47.3100, 72.8816,  
-52.6984

■ 54.2889, 53.6863,  
-38.0480

■ 45.0733, 79.6097,  
-58.0839

■ 58.8956, 42.5344,  
-29.7385

■ 43.6813, 83.7313,  
-61.6499

■ 64.1264, 31.0500,  
-21.2695

■ 43.0195, 85.4386,  
-63.4127

■ 69.8930, 19.5513,  
-12.8577

■ 76.1171, 8.2177,  
-4.6197

■ 82.7331, -2.8665,  
3.3946

■ 89.6866, -13.6751,  
11.1755

■ 95.7956, -22.5390,  
17.5810

■ 95.8752, -22.2478,  
17.6693

# Harmonies

## Analogous

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



50.3992, 29.4852, -91.4269



50.3981, 64.0180, -45.8567



50.3992, 80.7251, -1.6814

# Triad

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



50.3992, 64.0160, -45.8547



50.3992, 1.8411, 33.7222



50.3992, -49.0584, -33.0910

# Complementary

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



50.3981, 64.0180, -45.8567



72.7717, -51.5838, 37.1039

# 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.



50.3992, -52.8091, 6.8001



50.3981, 64.0180, -45.8567



50.3992, -28.3939, 32.7517

# Square

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



50.3992, 64.0160, -45.8547



50.3992, 39.2935, 31.8989



50.3992, -46.3522, 26.5919



50.3992, -34.2703, -81.2235



# Rectangle

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



50.3981, 64.0180, -45.8567



50.3992, 76.9474, 17.1451



50.3992, -46.3522, 26.5919



50.3992, -51.4494, -17.7770

# Sweetspot

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



50.3992, 64.0160, -45.8547



85.8734, 18.8462, -12.0758



37.9196, 27.9170, -79.8571



38.7412, 10.5687, -6.9337

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



50.3992, 64.0160, -45.8547



55.5377, 89.9162, -65.2035



48.6883, 54.9552, -8.2648



36.3918, 2.7951, -1.3981



33.3173, 66.1589, -49.0285



8.5353, 16.9188, -12.3276



# Inverse Universe

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



46.8885, 47.1136, 17.4847



50.6914, 67.8729, 24.6910



73.5195, -46.6303, 23.1091



36.1399, 1.3569, 2.8547



29.9114, 51.2811, 18.8871

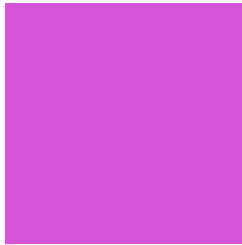


7.6356, 13.1352, 4.4768



# Previews

## White Background



This preview shows how the HunterLab color 50.3981, 64.0180, -45.8567 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

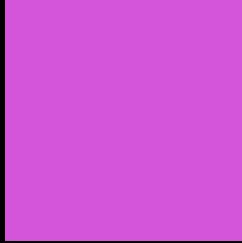
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 50.3981, 64.0180, -45.8567 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

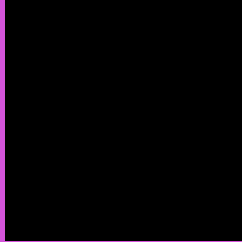
Any Text WCAG AA ✓ Pass

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 50.3981, 64.0180, -45.8567 Background



This preview shows how black text looks on a background with the HunterLab color 50.3981, 64.0180, -45.8567.



This preview shows how white text looks on a background with the HunterLab color 50.3981, 64.0180, -45.8567.

-45.8567.

# 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

50.3981, 64.0180, -45.8567

### Protanopia

50.8003, 14.9507, -78.8539

### Deuteranopia

50.7776, 4.0240, -39.0746



## Tritanopia

50.2233, 29.4089, 10.4850

# Trichromacy



## Original Color

50.3981, 64.0180, -45.8567



## Protanomaly

48.2302, 29.3282, -73.0349



## Deuteranomaly

48.6206, 24.5521, -45.5662



## Tritanomaly

49.7397, 40.9061, -6.1260

# Monochromacy



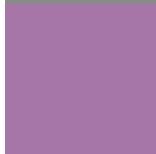
## Original Color

50.3981, 64.0180, -45.8567



## Achromatopsia

50.4135, -2.6899, 2.7391



## Achromatomaly

48.7301, 20.8424, -14.0895

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 50.3981, 64.0180, -45.8567 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(212, 84, 218)` looks like.

```
.text, #text, p{  
    color:rgb(212, 84, 218)  
}
```

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(212, 84, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 84, 218) }
```

## Border

The CSS property to change the border of an element to HunterLab 50.3981, 64.0180, -45.8567 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(212, 84, 218) }
```



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

```
.border{ border-color:rgb(212, 84, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 84, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 84, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 84, 218);  
box-shadow:4px 4px 4px 4px rgb(212, 84,  
218) }
```

# Background

The CSS property to change the background color of an element to HunterLab 50.3981, 64.0180, -45.8567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 84, 218) }
```

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

```
.background{ background-color: rgb(212, 84,  
218) }
```

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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