

# Converting Colors

HunterLab(48.7559, 72.9653,  
-56.1767)

Have a look what the booklet for  
HunterLab(48.7559, 72.9653,  
-56.1767) contains.

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# Color

**HunterLab(48.7559, 72.9653,  
-56.1767)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D544E2
RGB	213, 68, 226
RGB Percent	84%, 27%, 89%
CMY	0.1647, 0.7333, 0.1137
CMYK	0.06, 0.70, 0.00, 0.11
HSL	295°, 73%, 58%
HSV	295°, 70%, 89%
XYZ	43.2352, 23.7714, 74.2611
YIQ	129.3670, 35.7020, 79.8780

# Conversions

## Conversions Part 2

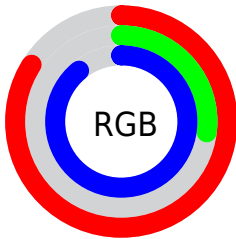
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 68, 226
Decimal	13976802
CIE Lab	55.86, 74.80, -52.15
CIE LCh	56, 91.187, 325.115
Yxy	23.7724, 0.3061, 0.1683
Android (android.graphics.Color)	4292166882 (0xFFD544E2)
YUV	129.3670, 47.6401, 73.3461
Hunter-Lab	48.7559, 72.9653, -56.1767

# Details

The HunterLab color **48.7559, 72.9653, -56.1767** 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 **75.2064, -56.5292, 41.0399**, and the grayscale version is **46.8082, -2.4976, 2.5432**.

A 20% lighter version of the original color is **66.2709, 64.5144, -42.6766**, and **31.2607, 62.8187, -51.7669** is the 20% darker color. If you saturate the color by 10%, you get **46.1182, 80.2525, -62.6793**, and if you desaturate by 10%, it is **52.2801, 63.5825, -48.2715**.

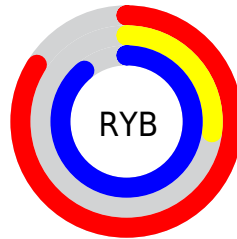
# Distribution



Red (84%)

Green (27%)

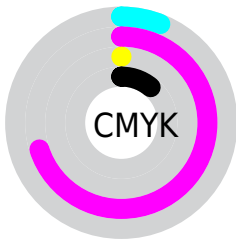
Blue (89%)



Red (84%)

Yellow (27%)

Blue (89%)

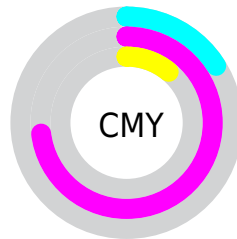


Cyan (6%)

Magenta (70%)

Yellow (0%)

Black (11%)



Cyan (16%)

Magenta (73%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7559, 72.9653, -56.1767 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 48.7559, 72.9653, -56.1767 by changing the saturation by 10% instead.



48.7559, 72.9653,  
-56.1767

48.7559, 72.9653,  
-56.1767

164.8235, 91.1281,  
-62.5269

38.9421, 70.5812,  
-55.7330

70.4688, 77.6012,  
-57.5286

29.8918, 68.2515,  
-55.6655

82.2836, 79.8028,  
-58.2900

21.6770, 66.1653,  
-56.3608

94.6936, 81.9138,  
-59.0579

14.3935, 64.8177,  
-58.7649

107.6715, 83.9329,  
-59.8131

8.0539, 67.2791,  
-67.0185

121.1933, 85.8611,  
-60.5436

0.0000, INF, -NF

0.0000, NaN, -NF

135.2382, 87.7009,

-61.2421

0.0000, NaN, NaN

149.7872, 89.4555,  
-61.9041

■ 48.7559, 72.9653,  
-56.1767

■ 48.7559, 72.9653,  
-56.1767

■ 46.1182, 80.2525,  
-62.6793

■ 52.2801, 63.5825,  
-48.2715

■ 44.3765, 84.8650,  
-67.3022

■ 56.6183, 52.8398,  
-39.5342

■ 43.3843, 86.9267,  
-70.0761


■ 61.6765, 41.3794,  
-30.4386


■ 43.3763, 86.9419,  
-70.0988


■ 67.3557, 29.6649,  
-21.3121

■ 73.5651, 17.9832,  
-12.3445

 80.2263, 6.4879,  
-3.6263

 87.2742, -4.7546,  
4.8139

 94.6556, -15.7287,  
12.9821

 96.8454, -18.2753,  
15.3059

# Harmonies

## Analogous

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



48.7570, 32.4401, -111.5264



48.7559, 72.9653, -56.1767



48.7570, 93.6291, -3.6434

# Triad

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



48.7570, 72.9634, -56.1746



48.7570, 3.7750, 33.6662



48.7570, -52.6888, -37.0172

# Complementary

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



48.7559, 72.9653, -56.1767



75.2064, -56.5292, 41.0399

# 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.



48.7570, -56.1327, 8.2094



48.7559, 72.9653, -56.1767



48.7570, -29.8993, 32.9615

# Square

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



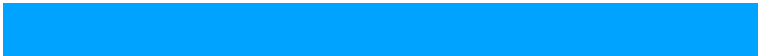
48.7570, 72.9634, -56.1746



48.7570, 46.6112, 32.1714



48.7570, -49.2262, 28.0185



48.7570, -37.7483, -95.7010



# Rectangle

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



48.7559, 72.9653, -56.1767



48.7570, 89.8721, 17.5205



48.7570, -49.2262, 28.0185



48.7570, -54.9885, -19.1681

# Sweetspot

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



48.7570, 72.9634, -56.1746



83.4490, 22.2618, -15.4076



35.5397, 33.5711, -97.5483



37.6744, 12.0176, -8.4431

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



48.7570, 72.9634, -56.1746



51.8281, 94.8920, -74.6312



47.7994, 64.9474, -10.7583



37.2495, 2.7542, -1.4913



32.8009, 65.7227, -52.8354



8.7346, 17.4442, -13.6257



# Inverse Universe

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



45.7143, 56.3401, 19.0576



48.1060, 74.6283, 25.9457



75.7224, -52.6667, 28.1246



37.0388, 1.4604, 2.7670



30.4258, 52.2136, 18.8193



8.0505, 13.8953, 4.3609



# Previews

## White Background



This preview shows how the HunterLab color 48.7559, 72.9653, -56.1767 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

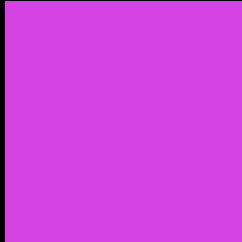
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 48.7559, 72.9653, -56.1767 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

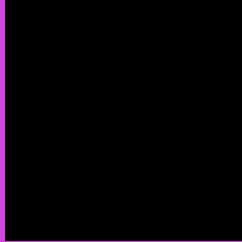
Any Text WCAG AA ✓ Pass

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 48.7559, 72.9653, -56.1767 Background



This preview shows how black text looks on a background with the HunterLab color 48.7559, 72.9653, -56.1767.



This preview shows how white text looks on a background with the HunterLab color 48.7559, 72.9653, -56.1767.

-56.1767.

# 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

48.7559, 72.9653, -56.1767

### Protanopia

49.2362, 15.6466, -83.3132

### Deuteranopia

48.9722, 4.4061, -47.5815



## Tritanopia

48.6235, 31.2371, 11.4585

# Trichromacy



## Original Color

48.7559, 72.9653, -56.1767



## Protanomaly

45.7150, 33.4596, -82.2481



## Deuteranomaly

46.1008, 27.8735, -57.2961



## Tritanomaly

47.7753, 45.5243, -7.7044

# Monochromacy



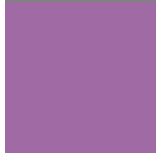
## Original Color

48.7559, 72.9653, -56.1767



## Achromatopsia

46.8536, -2.5000, 2.5456



## Achromatomaly

45.4635, 24.3101, -17.3634

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 48.7559, 72.9653, -56.1767 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, 68, 226)` looks like.

```
.text, #text, p{  
    color:rgb(213, 68, 226)  
}
```

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, 68, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 68, 226) }
```

## Border

The CSS property to change the border of an element to HunterLab 48.7559, 72.9653, -56.1767 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, 68, 226) }
```



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

```
.border{ border-color:rgb(213, 68, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 68, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 68, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 68, 226);  
box-shadow:4px 4px 4px 4px rgb(213, 68,  
226) }
```

# Background

The CSS property to change the background color of an element to HunterLab 48.7559, 72.9653, -56.1767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 68, 226) }
```

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

```
.background{ background-color: rgb(213, 68,  
226) }
```

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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