

Converting Colors

HunterLab(41.6053, 66.5357,
-50.1982)

Have a look what the booklet for
HunterLab(41.6053, 66.5357,
-50.1982) contains.

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Color

**HunterLab(41.6053, 66.5357,
-50.1982)**

Conversions

Conversions Part 1

Format	Color
Hex	BD33C7
RGB	189, 51, 199
RGB Percent	74%, 20%, 78%
CMY	0.2588, 0.8000, 0.2196
CMYK	0.05, 0.74, 0.00, 0.22
HSL	296°, 59%, 49%
HSV	296°, 74%, 78%
XYZ	32.4789, 17.3100, 55.6622
YIQ	109.1340, 34.7400, 75.2840

Conversions

Conversions Part 2

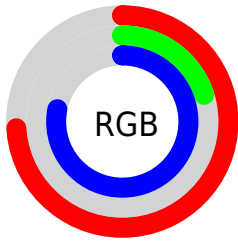
Format	Color
R _Y B	189, 51, 199
Decimal	12399559
CIE Lab	48.65, 70.90, -48.45
CIE LCh	49, 85.879, 325.652
Yxy	17.3108, 0.3080, 0.1642
Android (android.graphics.Color)	4290589639 (0xFFBD33C7)
YUV	109.1340, 44.3039, 70.0425
Hunter-Lab	41.6053, 66.5357, -50.1982

Details

The HunterLab color **41.6053, 66.5357, -50.1982** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted purple. A complement of this color would be **64.8679, -50.3772, 36.2260**, and the grayscale version is **38.9854, -2.0802, 2.1182**.

A 20% lighter version of the original color is **62.4084, 70.7231, -50.1865**, and **26.1513, 52.4846, -42.7879** is the 20% darker color. If you saturate the color by 10%, you get **39.6950, 71.9859, -54.9858**, and if you desaturate by 10%, it is **44.2831, 59.0626, -44.0232**.

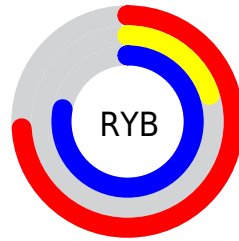
Distribution



Red (74%)

Green (20%)

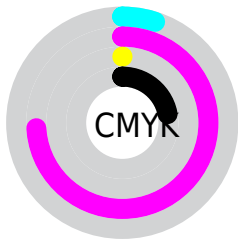
Blue (78%)



Red (74%)

Yellow (20%)

Blue (78%)

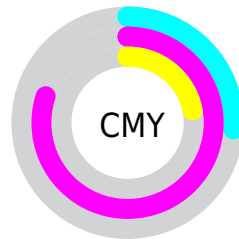


Cyan (5%)

Magenta (74%)

Yellow (0%)

Black (22%)



Cyan (26%)

Magenta (80%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.6053, 66.5357, -50.1982 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 41.6053, 66.5357, -50.1982 by changing the saturation by 10% instead.

41.6053, 66.5357,
-50.1982

41.6053, 66.5357,
-50.1982

153.9341, 84.2953,
-56.2382

32.3362, 64.2219,
-49.8452

62.3373, 71.0852,
-51.4679

23.8800, 62.0276,
-49.9765

73.7036, 73.2481,
-52.2009

16.3250, 60.2666,
-51.1772

85.6875, 75.3189,
-52.9408

9.7953, 59.8914,
-55.1271

98.2584, 77.2953,
-53.6663

0.0000, INF, -NF

0.0000, NaN, -NF

111.3903, 79.1782,
-54.3649

0.0000, NaN, NaN

125.0602, 80.9702,

0.0000, NaN, NaN

-55.0291

139.2475, 82.6747,
-55.6543

■ 41.6053, 66.5357,
-50.1982

■ 41.6053, 66.5357,
-50.1982

■ 39.6950, 71.9859,
-54.9858

■ 44.2831, 59.0626,
-44.0232

■ 38.5304, 75.0581,
-58.0889

■ 47.6852, 50.1619,
-36.9212

■ 38.0881, 76.0531,
-59.3096

■ 51.7403, 40.4226,
-29.3276

■ 56.3651, 30.3092,
-21.5744

■ 61.4793, 20.1309,
-13.8732

■ 67.0114, 10.0664,
-6.3388

■ 72.9009, 0.2037,
0.9799

■ 79.0980, -9.4260,
8.0728

■ 85.5619, -18.8230,
14.9511

Harmonies

Analogous

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



41.6062, 29.9678, -101.5654



41.6053, 66.5357, -50.1982



41.6062, 84.8987, -2.7218

Triad

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



41.6062, 66.5340, -50.1963



41.6062, 2.8417, 29.1244



41.6062, -46.2225, -34.5725

Complementary

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



41.6053, 66.5357, -50.1982



64.8679, -50.3772, 36.2260

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.



41.6062, -49.3483, 6.7015



41.6053, 66.5357, -50.1982



41.6062, -26.8735, 28.4804

Square

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



41.6062, 66.5340, -50.1963



41.6062, 41.3737, 27.8318



41.6062, -43.5578, 24.2723



41.6062, -33.0128, -88.5120

Rectangle

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



41.6053, 66.5357, -50.1982



41.6062, 81.1142, 15.7741



41.6062, -43.5578, 24.2723



41.6062, -48.2608, -18.2083

Sweetspot

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



41.6062, 66.5340, -50.1963



82.8064, 23.8954, -16.2966



29.0176, 32.0837, -91.9605



37.4069, 12.7620, -8.8228

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.6062, 66.5340, -50.1963



51.4974, 98.0541, -75.4746



40.4057, 58.6266, -8.9898



32.8310, 2.4044, -1.2496



30.5675, 61.0218, -47.4878



6.7354, 13.3985, -10.0969

Inverse Universe

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



38.5323, 51.0667, 17.8431



47.1912, 76.6561, 27.5030



65.3727, -46.8191, 25.3816



32.6318, 1.2191, 2.4821



27.9855, 48.0126, 17.4126



6.1235, 10.5731, 3.2878

Previews

White Background



This preview shows how the HunterLab color 41.6053, 66.5357, -50.1982 looks on a white background.

Color Contrast Check

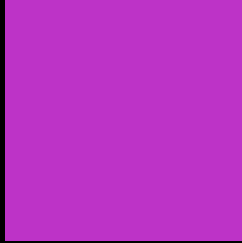
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 41.6053, 66.5357, -50.1982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

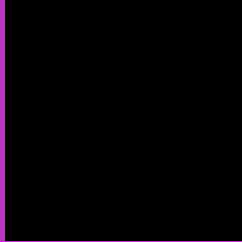
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 41.6053, 66.5357, -50.1982 Background



This preview shows how black text looks on a background with the HunterLab color 41.6053, 66.5357, -50.1982.



This preview shows how white text looks on a background with the HunterLab color 41.6053, 66.5357, -50.1982.

-50.1982.

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

41.6053, 66.5357, -50.1982

Protanopia

42.1443, 16.1526, -87.5454

Deuteranopia

42.1597, 3.3583, -41.6685



Tritanopia

41.6150, 29.1282, 10.7282

Trichromacy



Original Color

41.6053, 66.5357, -50.1982



Protanomaly

37.3622, 28.0887, -88.3954



Deuteranomaly

39.1456, 25.4757, -51.8474



Tritanomaly

40.6809, 42.0391, -6.5377

Monochromacy



Original Color

41.6053, 66.5357, -50.1982



Achromatopsia

39.1058, -2.0866, 2.1247



Achromatomaly

37.8625, 22.6237, -16.3472

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.6053, 66.5357, -50.1982 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(189, 51, 199)` looks like.

```
.text, #text, p{  
    color:rgb(189, 51, 199)  
}
```

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(189, 51, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 51, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 41.6053, 66.5357, -50.1982 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(189, 51, 199) }
```


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

```
.border{ border-color:rgb(189, 51, 199) }
```

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

Here you see how a box with a 4 pixel rgb(189, 51, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 51, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 51, 199);  
box-shadow:4px 4px 4px 4px rgb(189, 51,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.6053, 66.5357, -50.1982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 51, 199) }
```

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

```
.background{ background-color: rgb(189, 51,  
199) }
```

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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