

# Converting Colors

HunterLab(39.0965, 46.2361,  
-13.3051)

Have a look what the booklet for  
HunterLab(39.0965, 46.2361,  
-13.3051) contains.

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# Color

**HunterLab(39.0954, 46.2567,  
-13.3157)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B2428D
RGB	178, 66, 141
RGB Percent	70%, 26%, 55%
CMY	0.3020, 0.7412, 0.4471
CMYK	0.00, 0.63, 0.21, 0.30
HSL	320°, 46%, 48%
HSV	320°, 63%, 70%
XYZ	25.1160, 15.2845, 26.8257
YIQ	108.0380, 42.6770, 47.0690

# Conversions

## Conversions Part 2

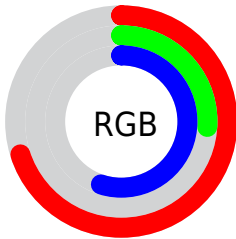
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 66, 141
Decimal	11682445
CIE <sub>Lab</sub>	46.02, 53.52, -18.44
CIE <sub>LCh</sub>	46, 56.607, 340.984
Yxy	15.2853, 0.3736, 0.2274
Android (android.graphics.Color)	4289872525 (0xFFB2428D)
YUV	108.0380, 16.2503, 61.3567
Hunter-Lab	39.0954, 46.2567, -13.3157

# Details

The HunterLab color **39.0954, 46.2567, -13.3157** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **58.2914, -38.8790, 22.1848**, and the grayscale version is **38.6689, -2.0633, 2.1010**.

A 20% lighter version of the original color is **59.3346, 50.0689, -14.1527**, and **22.1199, 41.2956, -12.1761** is the 20% darker color. If you saturate the color by 10%, you get **36.5356, 52.3765, -13.8391**, and if you desaturate by 10%, it is **42.2829, 39.0271, -11.9002**.

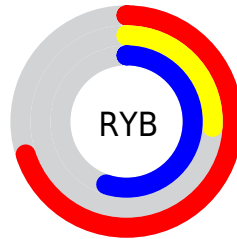
# Distribution



Red (70%)

Green (26%)

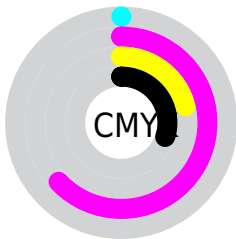
Blue (55%)



Red (70%)

Yellow (26%)

Blue (55%)

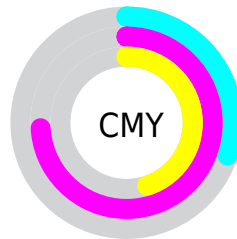


Cyan (0%)

Magenta (63%)

Yellow (21%)

Black (30%)



Cyan (30%)

Magenta (74%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.0954, 46.2567, -13.3157 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 39.0954, 46.2567, -13.3157 by changing the saturation by 10% instead.



39.0954, 46.2567,  
-13.3157

39.0954, 46.2567,  
-13.3157

150.0288, 59.5858,  
-13.7533

30.0330, 44.2793,  
-12.9548

59.4583, 49.9192,  
-13.8268

21.8040, 42.2677,  
-12.5325

70.6568, 51.5903,  
-13.9834

14.5042, 40.3818,  
-12.0792

82.4815, 53.1558,  
-14.0786

8.1653, 40.0817,  
-12.0284

94.9010, 54.6209,  
-14.1161

0.0000, INF, -NF

0.0000, NaN, NaN

107.8879, 55.9910,  
-14.0993

0.0000, NaN, NaN

121.4185, 57.2717,

0.0000, NaN, NaN

-14.0314

0.0000, NaN, NaN

135.4717, 58.4683,  
-13.9152

■ 39.0954, 46.2567,  
-13.3157

■ 39.0954, 46.2567,  
-13.3157

■ 36.5356, 52.3765,  
-13.8391

■ 42.2829, 39.0271,  
-11.9002

■ 34.6491, 56.8895,  
-13.3349

■ 46.0245, 31.1659,  
-9.7848

■ 33.4394, 59.4337,  
-11.7883

■ 50.2458, 23.0245,  
-7.1491

■ 32.8658, 60.3503,  
-10.2867

■ 54.8765, 14.8311,  
-4.1405

■ 59.8560, 6.7148,  
-0.8687

■ 65.1336, -1.2624,  
2.5892

■ 70.6678, -9.0790,  
6.1805

■ 76.4251, -16.7357,  
9.8699

■ 82.3783, -24.2450,  
13.6336

# Harmonies

## Analogous

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



39.0964, 29.5611, -41.8318



39.0954, 46.2567, -13.3157



39.0964, 48.4690, 9.0205

# Triad

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



39.0964, 46.2543, -13.3144



39.0964, -9.7966, 24.5703



39.0964, -29.0826, -34.3420

# Complementary

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



39.0954, 46.2567, -13.3157



58.2914, -38.8790, 22.1848

# 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.



39.0964, -35.4493, -6.3048



39.0954, 46.2567, -13.3157



39.0964, -26.0624, 21.9052

# Square

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



39.0964, 46.2543, -13.3144



39.0964, 12.6102, 24.2214



39.0964, -34.4814, 13.0652



39.0964, -14.8920, -57.8955



# Rectangle

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



39.0954, 46.2567, -13.3157



39.0964, 40.9893, 17.6499



39.0964, -34.4814, 13.0652



39.0964, -32.0507, -24.6396

# Sweetspot

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



39.0964, 46.2543, -13.3144



76.2553, 16.0314, -4.0290



31.4730, 32.2878, -59.3881



35.0147, 9.0095, -2.4729



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978



# Same Dimension

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



39.0964, 46.2543, -13.3144



47.9692, 73.5079, -18.5146



37.4737, 39.2635, 9.6682



29.3224, 1.8191, 0.1692



27.8220, 51.1263, -9.0008



5.0378, 9.4354, -3.0083



# Inverse Universe

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



39.0964, 46.2543, -13.3144



47.9692, 73.5079, -18.5146



59.5397, -31.3626, 4.1655



29.3224, 1.8191, 0.1692



27.8220, 51.1263, -9.0008



5.0378, 9.4354, -3.0083



# Previews

## White Background



This preview shows how the HunterLab color 39.0954, 46.2567, -13.3157 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

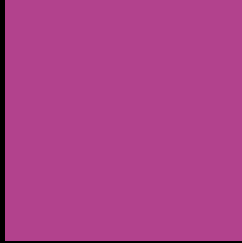
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 39.0954, 46.2567, -13.3157 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

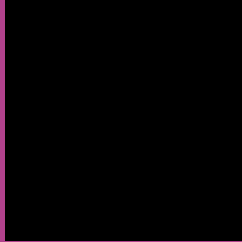
Any Text WCAG AA × Fail

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 39.0954, 46.2567, -13.3157 Background



This preview shows how black text looks on a background with the HunterLab color 39.0954, 46.2567, -13.3157.



This preview shows how white text looks on a background with the HunterLab color 39.0954, 46.2567, -13.3157.

-13.3157.

# 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

39.0954, 46.2567, -13.3157

### Protanopia

39.5898, 5.7959, -34.7116

### Deuteranopia

39.3101, 3.0215, -10.2964



## Tritanopia

39.1068, 30.9850, 11.2920

# Trichromacy



## Original Color

39.0954, 46.2567, -13.3157

## Protanomaly

37.8469, 18.4511, -29.1781

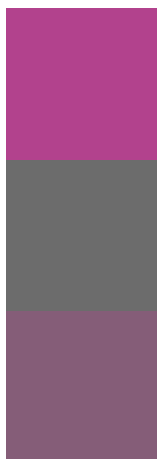
## Deuteranomaly

38.0092, 18.0883, -13.1799

## Tritanomaly

38.9701, 36.2213, 3.9017

# Monochromacy



## Original Color

39.0954, 46.2567, -13.3157

## Achromatopsia

38.7246, -2.0663, 2.1040

## Achromatomaly

37.6448, 14.6231, -4.5338

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 39.0954, 46.2567, -13.3157 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(178, 66, 141)` looks like.

```
.text, #text, p{  
    color:rgb(178, 66, 141)  
}
```

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(178, 66, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 66, 141) }
```

## Border

The CSS property to change the border of an element to HunterLab 39.0954, 46.2567, -13.3157 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(178, 66, 141) }
```



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

```
.border{ border-color:rgb(178, 66, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 66, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 66, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 66, 141);  
box-shadow:4px 4px 4px 4px rgb(178, 66,  
141) }
```

# Background

The CSS property to change the background color of an element to HunterLab 39.0954, 46.2567, -13.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 66, 141) }
```

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

```
.background{ background-color: rgb(178, 66,  
141) }
```

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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