

# Converting Colors

HunterLab(39.3766, 48.5384,  
18.4658)

Have a look what the booklet for  
HunterLab(39.3766, 48.5384,  
18.4658) contains.

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# Color

**HunterLab(39.3766, 48.5384,  
18.4658)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C73A3D
RGB	199, 58, 61
RGB Percent	78%, 23%, 24%
CMY	0.2196, 0.7725, 0.7608
CMYK	0.00, 0.71, 0.69, 0.22
HSL	359°, 56%, 50%
HSV	359°, 71%, 78%
XYZ	25.9086, 15.5052, 6.0422
YIQ	100.5010, 83.0730, 30.8250

# Conversions

## Conversions Part 2

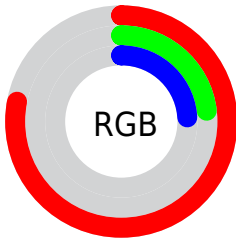
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 58, 61
Decimal	13056573
CIE Lab	46.32, 55.58, 31.16
CIE LCh	46, 63.716, 29.279
Yxy	15.5061, 0.5459, 0.3267
Android (android.graphics.Color)	4291246653 (0xFFC73A3D)
YUV	100.5010, -19.4740, 86.3836
Hunter-Lab	39.3766, 48.5384, 18.4658

# Details

The HunterLab color **39.3766, 48.5384, 18.4658** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **67.6257, -33.5275, -4.7079**, and the grayscale version is **35.9374, -1.9175, 1.9525**.

A 20% lighter version of the original color is **58.6505, 49.5881, 22.3825**, and **23.3459, 40.1819, 13.5244** is the 20% darker color. If you saturate the color by 10%, you get **37.0123, 54.1527, 20.3171**, and if you desaturate by 10%, it is **42.6196, 41.5832, 16.3025**.

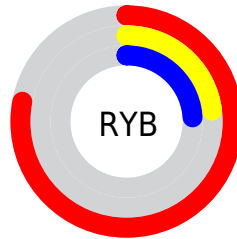
# Distribution



Red (78%)

Green (23%)

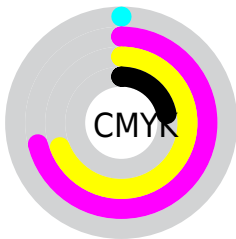
Blue (24%)



Red (78%)

Yellow (23%)

Blue (24%)

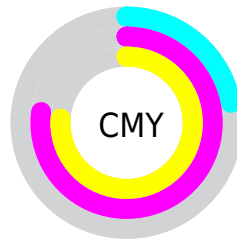


Cyan (0%)

Magenta (71%)

Yellow (69%)

Black (22%)



Cyan (22%)

Magenta (77%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.3766, 48.5384, 18.4658 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 39.3766, 48.5384, 18.4658 by changing the saturation by 10% instead.



39.3766, 48.5384,  
18.4658

39.3766, 48.5384,  
18.4658

150.4690, 62.4342,  
38.8277

30.2908, 46.5091,  
15.7196

59.7817, 52.3198,  
23.5013

22.0357, 44.4625,  
12.7497

70.9994, 54.0550,  
25.8580

14.7067, 42.5742,  
10.2947

82.8422, 55.6854,  
28.1381

8.3644, 42.1026,  
5.8551

95.2789, 57.2154,  
30.3573

0.0000, INF, NaN

0.0000, NaN, NaN

108.2823, 58.6500,  
32.5274

0.0000, NaN, NaN

121.8287, 59.9947,

0.0000, NaN, NaN

34.6578

0.0000, NaN, NaN

135.8972, 61.2545,  
36.7559

■ 39.3766, 48.5384,  
18.4658

■ 39.3766, 48.5384,  
18.4658

■ 37.0123, 54.1527,  
20.3171

■ 42.6196, 41.5832,  
16.3025

■ 35.5522, 57.8709,  
21.6505

■ 46.6488, 33.9281,  
14.0290

■ 34.8587, 59.7232,  
22.3191

■ 51.3546, 26.0596,  
11.7929

■ 56.6292, 18.2805,  
9.6762

■ 62.3786, 10.7415,  
7.7119

■ 68.5254, 3.4961,  
5.9037

■ 75.0082, -3.4549,  
4.2410

■ 81.7779, -10.1360,  
2.7073

■ 88.7960, -16.5811,  
1.2849

# Harmonies

## Analogous

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



39.3778, 57.5993, 1.5702



39.3766, 48.5384, 18.4658



39.3778, 25.2447, 24.5696

# Triad

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



39.3778, 48.5345, 18.4665



39.3778, -35.2047, 18.9543



39.3778, -2.6995, -75.1895

# Complementary

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



39.3766, 48.5384, 18.4658



67.6257, -33.5275, -4.7079

# 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.



39.3778, -23.5654, -59.9204



39.3766, 48.5384, 18.4658



39.3778, -39.2563, 2.7081

# Square

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



39.3778, 48.5345, 18.4665



39.3778, -22.7606, 24.7043



39.3778, -35.5824, -27.0083



39.3778, 23.9485, -61.2237



# Rectangle

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



39.3766, 48.5384, 18.4658



39.3778, 7.1364, 25.7164



39.3778, -35.5824, -27.0083



39.3778, -10.5623, -73.2084

# Sweetspot

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



39.3778, 48.5345, 18.4665



82.1800, 14.6628, 10.3192



43.1968, 65.5114, -46.3981



37.0109, 8.0616, 5.1026

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



39.3778, 48.5345, 18.4665



47.7866, 74.6570, 27.9352



51.7823, 17.9661, 27.6377



32.6198, 1.1544, 2.6539



27.9558, 47.9022, 17.8540



6.0939, 10.4632, 3.7266



# Inverse Universe

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



39.3778, 48.5345, 18.4665



47.7866, 74.6570, 27.9352



46.7487, -3.6507, -39.7855



32.6198, 1.1544, 2.6539



27.9558, 47.9022, 17.8540



6.0939, 10.4632, 3.7266



# Previews

## White Background



This preview shows how the HunterLab color 39.3766, 48.5384, 18.4658 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 39.3766, 48.5384, 18.4658 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

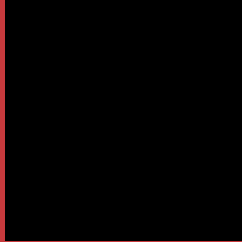
Any Text WCAG AA × Fail

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 39.3766, 48.5384, 18.4658 Background



This preview shows how black text looks on a background with the HunterLab color 39.3766, 48.5384, 18.4658.



This preview shows how white text looks on a background with the HunterLab color 39.3766, 48.5384,

18.4658.

# 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

39.3766, 48.5384, 18.4658

### Protanopia

39.5639, -3.2232, 12.9492

### Deuteranopia

39.4898, 2.5261, 19.3207



## Tritanopia

39.3766, 48.5384, 18.4658

# Trichromacy



## Original Color

39.3766, 48.5384, 18.4658

## Protanomaly

37.7612, 15.0175, 13.6342

## Deuteranomaly

38.2569, 19.3757, 18.1146

## Tritanomaly

39.3766, 48.5384, 18.4658

# Monochromacy



## Original Color

39.3766, 48.5384, 18.4658

## Achromatopsia

36.0744, -1.9248, 1.9600

## Achromatomaly

35.3373, 15.1658, 7.2684

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 39.3766, 48.5384, 18.4658 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(199, 58, 61)` looks like.

```
.text, #text, p{  
    color:rgb(199, 58, 61)  
}
```

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(199, 58, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 58, 61) }
```

## Border

The CSS property to change the border of an element to HunterLab 39.3766, 48.5384, 18.4658 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(199, 58, 61) }
```



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

```
.border{ border-color:rgb(199, 58, 61) }
```

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

Here you see how a box with a 4 pixel rgb(199, 58, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 58, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 58, 61);  
box-shadow:4px 4px 4px 4px rgb(199, 58,  
61) }
```

# Background

The CSS property to change the background color of an element to HunterLab 39.3766, 48.5384, 18.4658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 58, 61) }
```

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

```
.background{ background-color: rgb(199, 58,  
61) }
```

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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