

Converting Colors

HunterLab(38.8076, 67.3529,
18.1485)

Have a look what the booklet for
HunterLab(38.8076, 67.3529,
18.1485) contains.

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Color

**HunterLab(38.8581, 67.4407,
18.1711)**

Conversions

Conversions Part 1

Format	Color
Hex	D9003E
RGB	217, 0, 62
RGB Percent	85%, 0%, 24%
CMY	0.1490, 0.9998, 0.7569
CMYK	0.00, 1.00, 0.71, 0.15
HSL	343°, 100%, 43%
HSV	343°, 100%, 85%
XYZ	29.4848, 15.0995, 5.9179
YIQ	71.9510, 109.4300, 65.2860

Conversions

Conversions Part 2

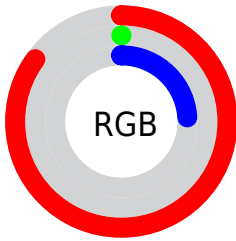
Format	Color
RYB	217, 0, 62
Decimal	14221374
CIELab	45.77, 72.22, 30.74
CIELCh	46, 78.489, 23.060
Yxy	15.1005, 0.5838, 0.2990
Android (android.graphics.Color)	4292411454 (0xFFD9003E)
YUV	71.9510, -4.9058, 127.2080
Hunter-Lab	38.8581, 67.4407, 18.1711

Details

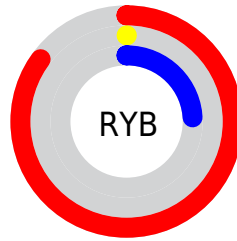
The HunterLab color **38.8581, 67.4407, 18.1711** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **72.1068, -50.1057, 18.0391**, and the grayscale version is **25.4381, -1.3573, 1.3821**.

A 20% lighter version of the original color is **54.3221, 61.2582, 18.7543**, and **26.1275, 44.9513, 15.2766** is the 20% darker color. If you saturate the color by 10%, you get **38.8575, 67.4387, 18.1781**, and if you desaturate by 10%, it is **39.8231, 65.9203, 15.1002**.

Distribution



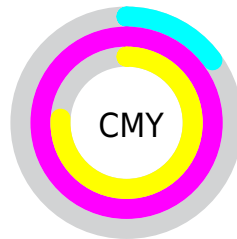
- Red (85%)
- Green (0%)
- Blue (24%)



- Red (85%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (15%)




- Cyan (15%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.8581, 67.4407, 18.1711 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 38.8581, 67.4407, 18.1711 by changing the saturation by 10% instead.

 38.8581, 67.4407, 18.1711	 38.8581, 67.4407, 18.1711
149.6575, 85.7189, 38.3545	 29.8160, 65.1273, 15.4478
 59.1856, 72.0710, 23.1624	 21.6089, 63.0199, 12.5000
 70.3679, 74.2928, 25.4979	 14.3341, 61.5623, 10.0339
 82.1774, 76.4264, 27.7575	 7.9934, 63.7669, 5.5954
 94.5823, 78.4670, 29.9568	0.0000, INF, NaN
	0.0000, INF, NaN
 107.5552, 80.4142, 32.1078	0.0000, NaN, NaN
 121.0724, 82.2698,	0.0000, NaN, NaN

34.2198

0.0000, NaN, NaN

135.1128, 84.0369,
36.3001

■ 38.8581, 67.4407,
18.1711

■ 38.8581, 67.4407,
18.1711

■ 38.8575, 67.4387,
18.1781

■ 39.8231, 65.9203,
15.1002

■ 41.5964, 62.2579,
11.9581

■ 44.3203, 56.3457,
9.1260

■ 47.9573, 48.7661,
6.8243

■ 52.4137, 40.1876,
5.1454

■ 57.5762, 31.1533,
4.0809

■ 63.3351, 22.0210,
3.5673

■ 69.5947, 12.9898,
3.5224

■ 76.2758, 4.1520,
3.8657

Harmonies

Analogous

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



38.8593, 74.3896, -5.2013



38.8581, 67.4407, 18.1711



38.8593, 39.5386, 25.4602

Triad

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



38.8593, 67.4358, 18.1719



38.8593, -38.5585, 22.8641



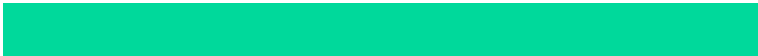
38.8593, -8.8728, -103.0408

Complementary

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



38.8581, 67.4407, 18.1711



72.1068, -50.1057, 18.0391

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.



38.8593, -31.2743, -73.4522



38.8581, 67.4407, 18.1711



38.8593, -44.6682, 8.2381

Square

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



38.8593, 67.4358, 18.1719



38.8593, -22.3772, 26.4869



38.8593, -42.4862, -26.4833



38.8593, 23.4999, -91.3409

Rectangle

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



38.8581, 67.4407, 18.1711



38.8593, 16.4140, 26.7926



38.8593, -42.4862, -26.4833



38.8593, -17.6466, -97.1351

Sweetspot

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



38.8593, 67.4358, 18.1719



75.8198, 26.7599, 4.2922



34.1729, 73.1737, -91.5562



33.6836, 14.5368, 2.0760

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.8593, 67.4358, 18.1719



46.6247, 80.8727, 22.1705



40.6344, 58.4575, 26.0601



36.2110, 1.7396, 1.8396



30.2589, 52.5667, 13.7597



7.7965, 13.7280, 2.1213

Inverse Universe

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



38.8593, 67.4358, 18.1719



46.6247, 80.8727, 22.1705



59.2717, -20.6500, -29.5041



36.2110, 1.7396, 1.8396



30.2589, 52.5667, 13.7597



7.7965, 13.7280, 2.1213

Previews

White Background



This preview shows how the HunterLab color 38.8581, 67.4407, 18.1711 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 38.8581, 67.4407, 18.1711 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 38.8581, 67.4407, 18.1711 Background



This preview shows how black text looks on a background with the HunterLab color 38.8581, 67.4407, 18.1711.



This preview shows how white text looks on a background with the HunterLab color 38.8581, 67.4407,

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

38.8581, 67.4407, 18.1711

Protanopia

39.6314, -2.4983, 9.2293

Deuteranopia

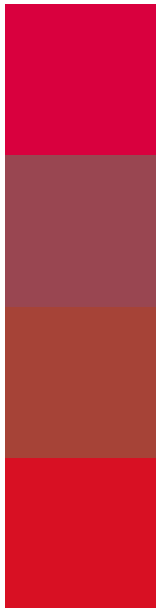
39.5734, 2.7613, 19.7409



Tritanopia

39.1723, 62.6512, 24.2329

Trichromacy



Original Color

38.8581, 67.4407, 18.1711

Protanomaly

34.2735, 27.5814, 8.1354

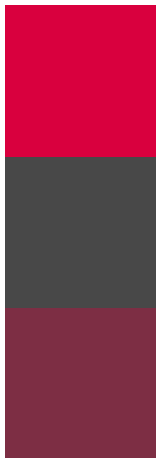
Deuteranomaly

35.2096, 31.7794, 16.1659

Tritanomaly

38.8470, 64.3873, 22.6376

Monochromacy



Original Color

38.8581, 67.4407, 18.1711

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

25.9448, 26.6840, 3.9566

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.8581, 67.4407, 18.1711 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(217, 0, 62)` looks like.

```
.text, #text, p{  
  color:rgb(217, 0, 62)  
}
```

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(217, 0, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 38.8581, 67.4407, 18.1711 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(217, 0, 62) }
```


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

```
.border{ border-color:rgb(217, 0, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 0, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 0, 62);  
box-shadow:4px 4px 4px 4px rgb(217, 0, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 38.8581, 67.4407, 18.1711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 0, 62) }
```

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

```
.background{ background-color: rgb(217, 0,  
62) }
```

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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