

Converting Colors

HunterLab(36.1685, 62.6148,
18.1371)

Have a look what the booklet for
HunterLab(36.1685, 62.6148,
18.1371) contains.

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Color

**HunterLab(36.1736, 62.6338,
18.0616)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0034
RGB	204, 0, 52
RGB Percent	80%, 0%, 20%
CMY	0.2000, 0.9998, 0.7961
CMYK	0.00, 1.00, 0.75, 0.20
HSL	345°, 100%, 40%
HSV	345°, 100%, 80%
XYZ	25.5217, 13.0853, 4.4294
YIQ	66.9240, 104.8920, 59.4200

Conversions

Conversions Part 2

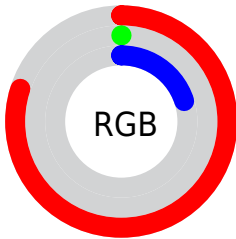
Format	Color
RYB	204, 0, 52
Decimal	13369396
CIELab	42.89, 68.73, 32.75
CIElCh	43, 76.131, 25.482
Yxy	13.0861, 0.5930, 0.3041
Android (android.graphics.Color)	4291559476 (0xFFCC0034)
YUV	66.9240, -7.3575, 120.2157
Hunter-Lab	36.1736, 62.6338, 18.0616

Details

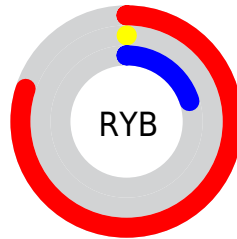
The HunterLab color **36.1736, 62.6338, 18.0616** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **67.4196, -45.7999, 14.6025**, and the grayscale version is **23.6720, -1.2631, 1.2861**.

A 20% lighter version of the original color is **53.6632, 61.6684, 21.3798**, and **23.8379, 40.9058, 14.7621** is the 20% darker color. If you saturate the color by 10%, you get **36.1731, 62.6321, 18.0672**, and if you desaturate by 10%, it is **37.0958, 61.0515, 15.3887**.

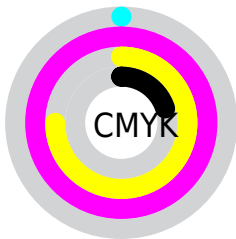
Distribution



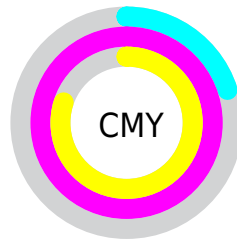
- Red (80%)
- Green (0%)
- Blue (20%)



- Red (80%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.1736, 62.6338, 18.0616 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 36.1736, 62.6338, 18.0616 by changing the saturation by 10% instead.

36.1736, 62.6338,
18.0616

36.1736, 62.6338,
18.0616

145.4197, 80.2833,
39.4595

27.3640, 60.3791,
15.1164

56.0878, 67.1444,
23.4168

19.4140, 58.3482,
12.1558

67.0830, 69.3005,
25.9056

12.4307, 57.0628,
8.7015

78.7154, 71.3649,
28.3044

5.6590, 71.3024,
3.9613

90.9518, 73.3336,
30.6315

0.0000, INF, NaN

0.0000, NaN, NaN

103.7638, 75.2069,
32.9009

0.0000, NaN, NaN

117.1266, 76.9873,

0.0000, NaN, NaN

35.1232

0.0000, NaN, NaN

131.0184, 78.6782,
37.3072

■ 36.1736, 62.6338,
18.0616

■ 36.1736, 62.6338,
18.0616

■ 36.1731, 62.6321,
18.0672

■ 37.0958, 61.0515,
15.3887

■ 38.7655, 57.5330,
12.5609

■ 41.3221, 51.9630,
9.9308

■ 44.7281, 44.8897,
7.7114

■ 48.8949, 36.9305,
6.0051

■ 53.7167, 28.5809,
4.8217

■ 59.0913, 20.1638,
4.1171

■ 64.9299, 11.8569,
3.8259

■ 71.1591, 3.7404,
3.8812

Harmonies

Analogous

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



36.1747, 71.2142, -2.4180



36.1736, 62.6338, 18.0616



36.1747, 34.9781, 24.0361

Triad

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



36.1747, 62.6292, 18.0623



36.1747, -37.1133, 20.8797



36.1747, -6.1800, -99.2887

Complementary

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



36.1736, 62.6338, 18.0616



67.4196, -45.7999, 14.6025

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.



36.1747, -28.2066, -73.5559



36.1736, 62.6338, 18.0616



36.1747, -42.1622, 5.8674

Square

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



36.1747, 62.6292, 18.0623



36.1747, -22.7556, 24.7233



36.1747, -39.5024, -28.7040



36.1747, 25.0220, -84.7857

Rectangle

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



36.1736, 62.6338, 18.0616



36.1747, 12.9774, 25.2934



36.1747, -39.5024, -28.7040



36.1747, -14.7602, -94.7223

Sweetspot

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



36.1747, 62.6292, 18.0623



75.7475, 26.3929, 5.3245



32.8750, 69.5531, -81.5521



33.6459, 14.3484, 2.6145

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.1747, 62.6292, 18.0623



46.5201, 80.4865, 23.7082



38.6281, 52.2871, 24.7160



33.5556, 1.5354, 1.8265



28.7207, 49.7727, 14.0033



6.6196, 11.6589, 1.7769

Inverse Universe

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



36.1747, 62.6292, 18.0623



46.5201, 80.4865, 23.7082



53.1737, -16.3254, -31.2177



33.5556, 1.5354, 1.8265



28.7207, 49.7727, 14.0033



6.6196, 11.6589, 1.7769

Previews

White Background



This preview shows how the HunterLab color 36.1736, 62.6338, 18.0616 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 36.1736, 62.6338, 18.0616 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 36.1736, 62.6338, 18.0616 Background



This preview shows how black text looks on a background with the HunterLab color 36.1736, 62.6338, 18.0616.



This preview shows how white text looks on a background with the HunterLab color 36.1736, 62.6338,

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

36.1736, 62.6338, 18.0616

Protanopia

36.9189, -2.8133, 11.1247

Deuteranopia

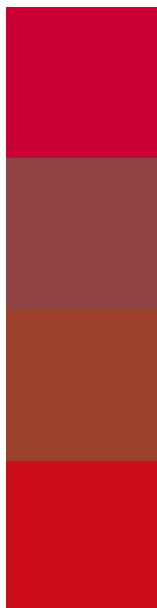
37.0822, 2.0894, 19.5323



Tritanopia

36.4205, 58.6737, 22.7930

Trichromacy



Original Color

36.1736, 62.6338, 18.0616

Protanomaly

32.1650, 25.2862, 9.8843

Deuteranomaly

32.8822, 29.1024, 16.2949

Tritanomaly

36.1500, 60.0934, 21.5256

Monochromacy



Original Color

36.1736, 62.6338, 18.0616

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

24.2022, 24.5370, 4.1782

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.1736, 62.6338, 18.0616 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(204, 0, 52)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 52)  
}
```

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(204, 0, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 36.1736, 62.6338, 18.0616 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(204, 0, 52) }
```


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

```
.border{ border-color:rgb(204, 0, 52) }
```

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

Here you see how a box with a 4 pixel rgb(204, 0, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 52);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 52)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.1736, 62.6338, 18.0616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 52) }
```

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

```
.background{ background-color: rgb(204, 0,  
52) }
```

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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