

Converting Colors

HunterLab(36.8752, 62.4949,
20.2019)

Have a look what the booklet for
HunterLab(36.8752, 62.4949,
20.2019) contains.

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Color

**HunterLab(36.8670, 62.5497,
20.1368)**

Conversions

Conversions Part 1

Format	Color
Hex	CF072B
RGB	207, 7, 43
RGB Percent	81%, 3%, 17%
CMY	0.1882, 0.9724, 0.8314
CMYK	0.00, 0.97, 0.79, 0.19
HSL	349°, 93%, 42%
HSV	349°, 97%, 81%
XYZ	26.2441, 13.5918, 3.5257
YIQ	70.9040, 107.6440, 53.5960

Conversions

Conversions Part 2

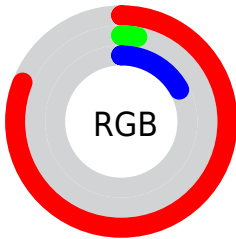
Format	Color
RYB	207, 7, 43
Decimal	13567787
CIELab	43.64, 68.51, 39.08
CIElCh	44, 78.872, 29.706
Yxy	13.5926, 0.6052, 0.3135
Android (android.graphics.Color)	4291757867 (0xFFCF072B)
YUV	70.9040, -13.7567, 119.3562
Hunter-Lab	36.8670, 62.5497, 20.1368

Details

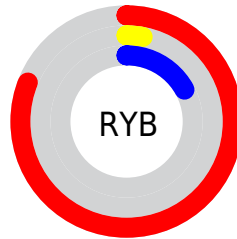
The HunterLab color **36.8670, 62.5497, 20.1368** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **69.0019, -43.7791, 8.6284**, and the grayscale version is **25.0967, -1.3391, 1.3636**.

A 20% lighter version of the original color is **53.8152, 60.1689, 23.8013**, and **24.1653, 41.3839, 15.6151** is the 20% darker color. If you saturate the color by 10%, you get **36.6064, 63.0583, 20.7960**, and if you desaturate by 10%, it is **37.9601, 60.3258, 17.7747**.

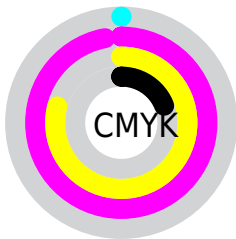
Distribution



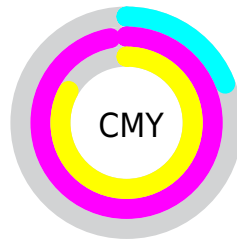
- Red (81%)
- Green (3%)
- Blue (17%)



- Red (81%)
- Yellow (3%)
- Blue (17%)



- Cyan (0%)
- Magenta (97%)
- Yellow (79%)
- Black (19%)



- Cyan (19%)
- Magenta (97%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8670, 62.5497, 20.1368 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 36.8670, 62.5497, 20.1368 by changing the saturation by 10% instead.

36.8670, 62.5497,
20.1368

36.8670, 62.5497,
20.1368

146.5202, 80.0916,
44.7794

27.9962, 60.2904,
16.6980

56.8897, 67.0442,
26.3778

19.9785, 58.2298,
13.6365

67.9340, 69.1879,
29.2645

12.9180, 56.8428,
9.0426

79.6128, 71.2390,
32.0363

6.3506, 65.6967,
4.4454

91.8933, 73.1942,
34.7146

0.0000, INF, NaN

0.0000, NaN, NaN

104.7475, 75.0541,
37.3162

0.0000, NaN, NaN

118.1507, 76.8212,

0.0000, NaN, NaN

39.8542

0.0000, NaN, NaN

132.0814, 78.4991,
42.3391

■ 36.8670, 62.5497,
20.1368

■ 36.8670, 62.5497,
20.1368

■ 36.6064, 63.0583,
20.7960

■ 37.9601, 60.3258,
17.7747

■ 39.9385, 55.8984,
15.1777

■ 42.8324, 49.5913,
12.6246

■ 46.5800, 42.0294,
10.3285

■ 51.0787, 33.8167,
8.4062

■ 56.2170, 25.3939,
6.8900

■ 61.8922, 17.0254,
5.7603

■ 68.0171, 8.8432,
4.9734

■ 74.5208, 0.8962,
4.4798

Harmonies

Analogous

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



36.8682, 75.0695, 1.7243



36.8670, 62.5497, 20.1368



36.8682, 31.7985, 25.0044

Triad

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



36.8682, 62.5450, 20.1375



36.8682, -39.6731, 20.3228



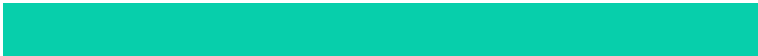
36.8682, -2.2645, -105.5009

Complementary

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



36.8670, 62.5497, 20.1368



69.0019, -43.7791, 8.6284

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.



36.8682, -26.7478, -83.5098



36.8670, 62.5497, 20.1368



36.8682, -43.6833, 2.2872

Square

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



36.8682, 62.5450, 20.1375



36.8682, -26.3805, 25.0500



36.8682, -39.8326, -36.7536



36.8682, 31.1168, -84.2893

Rectangle

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



36.8670, 62.5497, 20.1368



36.8682, 8.8935, 25.8077



36.8682, -39.8326, -36.7536



36.8682, -11.7037, -102.7698

Sweetspot

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



36.8682, 62.5450, 20.1375



76.3143, 24.4518, 7.6402



36.3895, 73.6176, -72.4684



33.8696, 13.4294, 3.8192

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.8682, 62.5450, 20.1375



46.3207, 79.7490, 26.6495



42.0792, 45.0672, 26.4330



34.4129, 1.4734, 2.1750



29.0739, 50.1169, 16.2515



6.9526, 12.1379, 2.7001

Inverse Universe

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



36.8682, 62.5450, 20.1375



46.3207, 79.7490, 26.6495



49.3965, -9.5626, -40.5837



34.4129, 1.4734, 2.1750



29.0739, 50.1169, 16.2515



6.9526, 12.1379, 2.7001

Previews

White Background



This preview shows how the HunterLab color 36.8670, 62.5497, 20.1368 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 36.8670, 62.5497, 20.1368 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 36.8670, 62.5497, 20.1368 Background



This preview shows how black text looks on a background with the HunterLab color 36.8670, 62.5497, 20.1368.



This preview shows how white text looks on a background with the HunterLab color 36.8670, 62.5497,

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

36.8670, 62.5497, 20.1368

Protanopia

37.5152, -3.9186, 14.9022

Deuteranopia

37.5549, 2.1641, 21.4446



Tritanopia

37.0792, 60.3184, 23.5367

Trichromacy



Original Color

36.8670, 62.5497, 20.1368

Protanomaly

32.9509, 24.1597, 13.5244

Deuteranomaly

33.7301, 28.4008, 18.7523

Tritanomaly

36.9610, 61.0678, 22.7062

Monochromacy



Original Color

36.8670, 62.5497, 20.1368

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

25.3848, 23.3978, 5.7400

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8670, 62.5497, 20.1368 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(207, 7, 43)` looks like.

```
.text, #text, p{  
    color:rgb(207, 7, 43)  
}
```

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(207, 7, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 7, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8670, 62.5497, 20.1368 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(207, 7, 43) }
```


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

```
.border{ border-color:rgb(207, 7, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 7, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 7, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 7, 43);  
box-shadow:4px 4px 4px 4px rgb(207, 7, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.8670, 62.5497, 20.1368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 7, 43) }
```

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

```
.background{ background-color: rgb(207, 7,  
43) }
```

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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