

Converting Colors

HunterLab(36.1614, 62.5876,
18.2439)

Have a look what the booklet for
HunterLab(36.1614, 62.5876,
18.2439) contains.

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Color

**HunterLab(36.1613, 62.5883,
18.2430)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CC0033 |
| RGB | 204, 0, 51 |
| RGB Percent | 80%, 0%, 20% |
| CMY | 0.2000, 0.9998, 0.8000 |
| CMYK | 0.00, 1.00, 0.75, 0.20 |
| HSL | 345°, 100%, 40% |
| HSV | 345°, 100%, 80% |
| XYZ | 25.4994, 13.0764, 4.3120 |
| YIQ | 66.8100, 105.2130, 59.1090 |

Conversions

Conversions Part 2

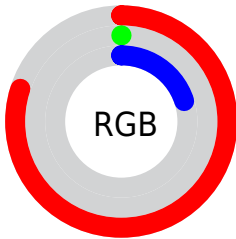
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 204, 0, 51 |
| Decimal | 13369395 |
| CIELab | 42.88, 68.69, 33.34 |
| CIElCh | 43, 76.355, 25.893 |
| Yxy | 13.0772, 0.5945, 0.3049 |
| Android (android.graphics.Color) | 4291559475 (0xFFCC0033) |
| YUV | 66.8100, -7.7943, 120.3156 |
| Hunter-Lab | 36.1613, 62.5883, 18.2430 |

Details

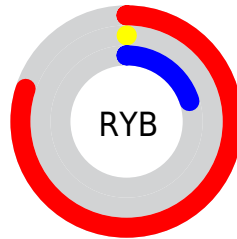
The HunterLab color **36.1613, 62.5883, 18.2430** is a dark color, and the websafe version is hex **CC0033**, and the color name is **vivid crimson**. The color can be described as dark washed red. A complement of this color would be **67.4441, -45.6510, 14.2503**, and the grayscale version is **23.6335, -1.2610, 1.2841**.

A 20% lighter version of the original color is **53.6457, 61.5936, 21.6354**, and **23.8333, 40.8888, 14.8303** is the 20% darker color. If you saturate the color by 10%, you get **36.1608, 62.5867, 18.2485**, and if you desaturate by 10%, it is **37.0814, 60.9967, 15.6009**.

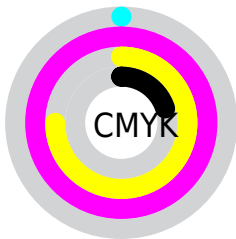
Distribution



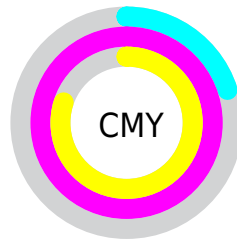
- Red (80%)
- Green (0%)
- Blue (20%)



- 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 36.1613, 62.5883, 18.2430 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 36.1613, 62.5883, 18.2430 by changing the saturation by 10% instead.

36.1613, 62.5883,
18.2430

36.1613, 62.5883,
18.2430

145.4001, 80.2300,
39.9480

27.3528, 60.3340,
15.2494

56.0736, 67.0975,
23.6834

19.4040, 58.3033,
12.2790

67.0679, 69.2527,
26.2100

12.4221, 57.0177,
8.6955

78.6994, 71.3162,
28.6441

5.6459, 71.3608,
3.9521

90.9351, 73.2840,
31.0043

0.0000, INF, NaN

0.0000, NaN, NaN

103.7463, 75.1564,
33.3048

0.0000, NaN, NaN

117.1084, 76.9358,

0.0000, NaN, NaN

35.5568

0.0000, NaN, NaN

130.9995, 78.6258,
37.7688

■ 36.1613, 62.5883,
18.2430

■ 36.1613, 62.5883,
18.2430

■ 36.1608, 62.5867,
18.2485

■ 37.0814, 60.9967,
15.6009

■ 38.7498, 57.4711,
12.7894

■ 41.3062, 51.8969,
10.1600

■ 44.7131, 44.8233,
7.9276

■ 48.8815, 36.8678,
6.1977

■ 53.7055, 28.5257,
4.9831

■ 59.0826, 20.1192,
4.2422

■ 64.9240, 11.8255,
3.9113

■ 71.1561, 3.7240,
3.9246

Harmonies

Analogous

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



36.1624, 71.5340, -2.0108



36.1613, 62.5883, 18.2430



36.1624, 34.6522, 24.0862

Triad

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



36.1624, 62.5837, 18.2437



36.1624, -37.3086, 20.7999



36.1624, -5.8122, -99.8476

Complementary

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



36.1613, 62.5883, 18.2430



67.4441, -45.6510, 14.2503

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.



36.1624, -28.0385, -74.4494



36.1613, 62.5883, 18.2430



36.1624, -42.2479, 5.5412

Square

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



36.1624, 62.5837, 18.2437



36.1624, -23.0757, 24.7130



36.1624, -39.4810, -29.4185



36.1624, 25.5670, -84.7168

Rectangle

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



36.1613, 62.5883, 18.2430



36.1624, 12.5788, 25.3137



36.1624, -39.4810, -29.4185



36.1624, -14.4624, -95.4484

Sweetspot

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



36.1624, 62.5837, 18.2437



75.7361, 26.3350, 5.4875



33.3674, 70.2007, -79.7173



33.6400, 14.3187, 2.6994

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.1624, 62.5837, 18.2437



46.5047, 80.4296, 23.9349



38.9972, 51.1624, 24.9237



33.5543, 1.5282, 1.8457



28.7106, 49.7355, 14.1516



6.6165, 11.6475, 1.8218

Inverse Universe

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



36.1624, 62.5837, 18.2437



46.5047, 80.4296, 23.9349



52.1015, -14.8036, -33.1627



33.5543, 1.5282, 1.8457



28.7106, 49.7355, 14.1516



6.6165, 11.6475, 1.8218

Previews

White Background



This preview shows how the HunterLab color 36.1613, 62.5883, 18.2430 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 36.1613, 62.5883, 18.2430 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 36.1613, 62.5883, 18.2430 Background



This preview shows how black text looks on a background with the HunterLab color 36.1613, 62.5883, 18.2430.



This preview shows how white text looks on a background with the HunterLab color 36.1613, 62.5883,

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

36.1613, 62.5883, 18.2430

Protanopia

36.8996, -2.9194, 11.4047

Deuteranopia

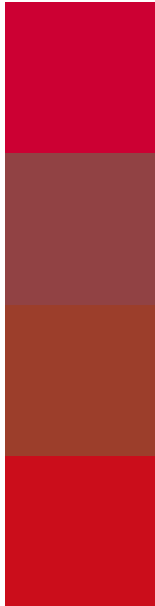
36.8089, 2.4433, 19.6325



Tritanopia

36.4169, 58.6598, 22.8469

Trichromacy



Original Color

36.1613, 62.5883, 18.2430

Protanomaly

32.1458, 25.1973, 10.1624

Deuteranomaly

32.6919, 29.4349, 16.5149

Tritanomaly

36.1434, 60.0689, 21.6221

Monochromacy



Original Color

36.1613, 62.5883, 18.2430

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

24.1797, 24.4378, 4.5017

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.1613, 62.5883, 18.2430 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, 51)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 51)  
}
```

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, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 36.1613, 62.5883, 18.2430 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, 51) }
```


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

```
.border{ border-color:rgb(204, 0, 51) }
```

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, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 51);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.1613, 62.5883, 18.2430 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, 51) }
```

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

```
.background{ background-color: rgb(204, 0,  
51) }
```

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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