

Converting Colors

HunterLab(36.1335, 62.4854,
18.6527)

Have a look what the booklet for
HunterLab(36.1335, 62.4854,
18.6527) contains.

HunterLab(36.1374, 62.5000, 18.5945)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(36.1374, 62.5000,
18.5945)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0031
RGB	204, 0, 49
RGB Percent	80%, 0%, 19%
CMY	0.2000, 0.9998, 0.8078
CMYK	0.00, 1.00, 0.76, 0.20
HSL	346°, 100%, 40%
HSV	346°, 100%, 80%
XYZ	25.4562, 13.0591, 4.0847
YIQ	66.5820, 105.8550, 58.4870

Conversions

Conversions Part 2

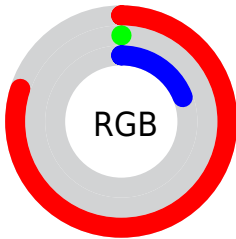
Format	Color
RYB	204, 0, 49
Decimal	13369393
CIELab	42.85, 68.62, 34.52
CIElCh	43, 76.812, 26.705
Yxy	13.0599, 0.5976, 0.3066
Android (android.graphics.Color)	4291559473 (0xFFCC0031)
YUV	66.5820, -8.6679, 120.5156
Hunter-Lab	36.1374, 62.5000, 18.5945

Details

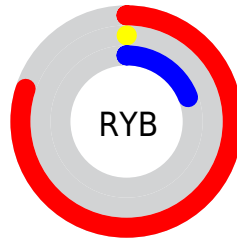
The HunterLab color **36.1374, 62.5000, 18.5945** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **67.4934, -45.3495, 13.5379**, and the grayscale version is **23.5564, -1.2569, 1.2799**.

A 20% lighter version of the original color is **53.6114, 61.4466, 22.1376**, and **23.8195, 40.8376, 15.0350** is the 20% darker color. If you saturate the color by 10%, you get **36.1369, 62.4984, 18.5999**, and if you desaturate by 10%, it is **37.0530, 60.8895, 16.0157**.

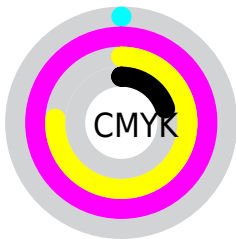
Distribution



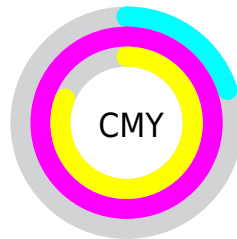
- Red (80%)
- Green (0%)
- Blue (19%)



- Red (80%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.1374, 62.5000, 18.5945 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 36.1374, 62.5000, 18.5945 by changing the saturation by 10% instead.

■ 36.1374, 62.5000,
18.5945

■ 36.1374, 62.5000,
18.5945

■ 145.3621, 80.1265,
40.9128

■ 27.3310, 60.2466,
15.5045

■ 56.0459, 67.0065,
24.2049

■ 19.3846, 58.2162,
12.5249

■ 67.0385, 69.1601,
26.8070

■ 12.4054, 56.9303,
8.6837

■ 78.6685, 71.2218,
29.3115

■ 5.6204, 71.4771,
3.9343

■ 90.9026, 73.1878,
31.7378

0.0000, INF, NaN

0.0000, NaN, NaN

■ 103.7124, 75.0584,
34.1006

0.0000, NaN, NaN

■ 117.0731, 76.8360,

0.0000, NaN, NaN

36.4116

0.0000, NaN, NaN

130.9628, 78.5241,
38.6799

■ 36.1374, 62.5000,
18.5945

■ 36.1374, 62.5000,
18.5945

■ 36.1369, 62.4984,
18.5999

■ 37.0530, 60.8895,
16.0157

■ 38.7189, 57.3492,
13.2389

■ 41.2749, 51.7662,
10.6128

■ 44.6833, 44.6914,
8.3561

■ 48.8549, 36.7430,
6.5803

■ 53.6831, 28.4156,
5.3044

■ 59.0652, 20.0303,
4.4915

■ 64.9120, 11.7627,
4.0817

■ 71.1500, 3.6913,
4.0113

Harmonies

Analogous

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



36.1385, 72.1741, -1.2129



36.1374, 62.5000, 18.5945



36.1385, 34.0072, 24.1865

Triad

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



36.1385, 62.4954, 18.5952



36.1385, -37.6947, 20.6394



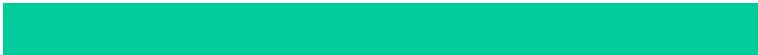
36.1385, -5.0763, -100.9684

Complementary

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



36.1374, 62.5000, 18.5945



67.4934, -45.3495, 13.5379

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.



36.1385, -27.7037, -76.2460



36.1374, 62.5000, 18.5945



36.1385, -42.4182, 4.8821

Square

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



36.1385, 62.4954, 18.5952



36.1385, -23.7076, 24.6929



36.1385, -39.4394, -30.8597



36.1385, 26.6586, -84.5830

Rectangle

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



36.1374, 62.5000, 18.5945



36.1385, 11.7906, 25.2970



36.1385, -39.4394, -30.8597



36.1385, -13.8672, -96.9055

Sweetspot

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



36.1385, 62.4954, 18.5952



75.7133, 26.2195, 5.8124



33.3674, 70.2006, -79.7172



33.6281, 14.2596, 2.8686

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.1385, 62.4954, 18.5952



46.4749, 80.3196, 24.3736



38.9972, 51.1623, 24.9237



33.5516, 1.5137, 1.8841



28.6910, 49.6632, 14.4395



6.6103, 11.6247, 1.9119

Inverse Universe

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



36.1385, 62.4954, 18.5952



46.4749, 80.3196, 24.3736



52.1015, -14.8036, -33.1626



33.5516, 1.5137, 1.8841



28.6910, 49.6632, 14.4395



6.6103, 11.6247, 1.9119

Previews

White Background



This preview shows how the HunterLab color 36.1374, 62.5000, 18.5945 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 36.1374, 62.5000, 18.5945 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 36.1374, 62.5000, 18.5945 Background



This preview shows how black text looks on a background with the HunterLab color 36.1374, 62.5000, 18.5945.



This preview shows how white text looks on a background with the HunterLab color 36.1374, 62.5000,

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

36.1374, 62.5000, 18.5945

Protanopia

36.8435, -3.2287, 12.2207

Deuteranopia

36.7914, 2.3493, 19.8912



Tritanopia

36.3639, 58.8114, 22.8698

Trichromacy



Original Color

36.1374, 62.5000, 18.5945

Protanomaly

32.0902, 24.9392, 10.9705

Deuteranomaly

32.6700, 29.3358, 16.8375

Tritanomaly

36.1311, 60.0223, 21.8054

Monochromacy



Original Color

36.1374, 62.5000, 18.5945

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

24.1576, 24.3402, 4.8199

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.1374, 62.5000, 18.5945 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, 49)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 49)  
}
```

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, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 36.1374, 62.5000, 18.5945 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, 49) }
```


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

```
.border{ border-color:rgb(204, 0, 49) }
```

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, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 49);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.1374, 62.5000, 18.5945 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, 49) }
```

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

```
.background{ background-color: rgb(204, 0,  
49) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor