

Converting Colors

HunterLab(36.2111, 62.7724,
17.5098)

Have a look what the booklet for
HunterLab(36.2111, 62.7724,
17.5098) contains.

| | |
|---|----|
| HunterLab(36.2122, 62.7761, 17.4949) | 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(36.2122, 62.7761,
17.4949)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CC0037 |
| RGB | 204, 0, 55 |
| RGB Percent | 80%, 0%, 22% |
| CMY | 0.2000, 0.9998, 0.7843 |
| CMYK | 0.00, 1.00, 0.73, 0.20 |
| HSL | 344°, 100%, 40% |
| HSV | 344°, 100%, 80% |
| XYZ | 25.5915, 13.1132, 4.7967 |
| YIQ | 67.2660, 103.9290, 60.3530 |

Conversions

Conversions Part 2

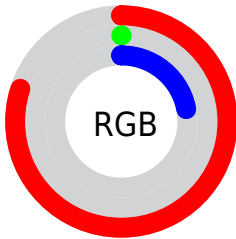
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 204, 0, 55 |
| Decimal | 13369399 |
| CIE _{Lab} | 42.93, 68.84, 30.97 |
| CIE _{LCh} | 43, 75.486, 24.226 |
| Yxy | 13.1141, 0.5883, 0.3015 |
| Android (android.graphics.Color) | 4291559479 (0xFFCC0037) |
| YUV | 67.2660, -6.0471, 119.9157 |
| Hunter-Lab | 36.2122, 62.7761, 17.4949 |

Details

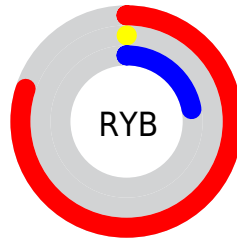
The HunterLab color **36.2122, 62.7761, 17.4949** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **67.3476, -46.2400, 15.6424**, and the grayscale version is **23.7880, -1.2693, 1.2924**.

A 20% lighter version of the original color is **53.7354, 61.9766, 20.3267**, and **23.8630, 40.9990, 14.3898** is the 20% darker color. If you saturate the color by 10%, you get **36.2117, 62.7744, 17.5008**, and if you desaturate by 10%, it is **37.1407, 61.2208, 14.7334**.

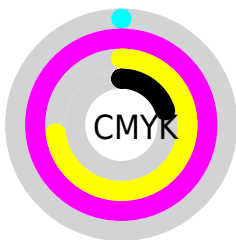
Distribution



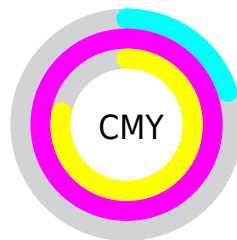
- Red (80%)
- Green (0%)
- Blue (22%)



- Red (80%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.2122, 62.7761, 17.4949 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 36.2122, 62.7761, 17.4949 by changing the saturation by 10% instead.

■ 36.2122, 62.7761,
17.4949

■ 36.2122, 62.7761,
17.4949

145.4811, 80.4501,
37.9708

■ 27.3992, 60.5200,
14.6958

■ 56.1325, 67.2912,
22.5939

■ 19.4454, 58.4885,
11.7854

■ 67.1304, 69.4498,
24.9692

■ 12.4577, 57.2036,
8.7204

■ 78.7654, 71.5170,
27.2622

■ 5.6998, 71.1236,
3.9899

■ 91.0043, 73.4885,
29.4901

0.0000, INF, NaN

0.0000, NaN, NaN

■ 103.8187, 75.3648,
31.6659

0.0000, NaN, NaN

■ 117.1837, 77.1481,

0.0000, NaN, NaN

33.7996

0.0000, NaN, NaN

131.0777, 78.8419,
35.8991

■ 36.2122, 62.7761,
17.4949

■ 36.2122, 62.7761,
17.4949

■ 36.2117, 62.7744,
17.5008

■ 37.1407, 61.2208,
14.7334

■ 38.8138, 57.7228,
11.8607

■ 41.3706, 52.1643,
9.2322

■ 44.7739, 45.0913,
7.0551

■ 48.9358, 37.1202,
5.4223

■ 53.7510, 28.7474,
4.3345

■ 59.1179, 20.2977,
3.7403

■ 64.9481, 11.9509,
3.5692

■ 71.1685, 3.7892,
3.7509

Harmonies

Analogous

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



36.2133, 70.2579, -3.6722



36.2122, 62.7761, 17.4949



36.2133, 35.9689, 23.8864

Triad

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



36.2133, 62.7716, 17.4957



36.2133, -36.5191, 21.1169



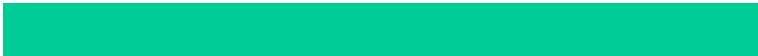
36.2133, -7.2815, -97.6214

Complementary

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



36.2122, 62.7761, 17.4949



67.3476, -46.2400, 15.6424

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.



36.2133, -28.7129, -70.8986



36.2122, 62.7761, 17.4949



36.2133, -41.9044, 6.8310

Square

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



36.2133, 62.7716, 17.4957



36.2133, -21.7797, 24.7557



36.2133, -39.5694, -26.5877



36.2133, 23.3922, -85.0012

Rectangle

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



36.2122, 62.7761, 17.4949



36.2133, 14.1903, 25.1912



36.2133, -39.5694, -26.5877



36.2133, -15.6531, -92.5576

Sweetspot

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



36.2133, 62.7716, 17.4957



75.7819, 26.5675, 4.8334



32.3897, 68.9205, -83.4060



33.6638, 14.4380, 2.3585

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.2133, 62.7716, 17.4957



46.5683, 80.6647, 22.9987



38.2834, 53.3518, 24.5222



33.5596, 1.5571, 1.7689



28.7522, 49.8889, 13.5409



6.6289, 11.6929, 1.6422

Inverse Universe

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



36.2133, 62.7716, 17.4957



46.5683, 80.6647, 22.9987



54.2543, -17.8350, -29.3097



33.5596, 1.5571, 1.7689



28.7522, 49.8889, 13.5409



6.6289, 11.6929, 1.6422

Previews

White Background



This preview shows how the HunterLab color 36.2122, 62.7761, 17.4949 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 36.2122, 62.7761, 17.4949 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 36.2122, 62.7761, 17.4949 Background



This preview shows how black text looks on a background with the HunterLab color 36.2122, 62.7761, 17.4949.



This preview shows how white text looks on a background with the HunterLab color 36.2122, 62.7761,

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

36.2122, 62.7761, 17.4949

Protanopia

37.1817, -3.1206, 10.1275

Deuteranopia

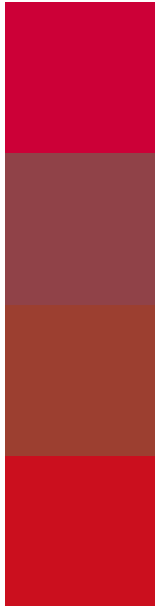
37.1115, 2.2468, 19.1004



Tritanopia

36.5332, 58.3557, 22.7376

Trichromacy



Original Color

36.2122, 62.7761, 17.4949

Protanomaly

32.0836, 25.1905, 8.8810

Deuteranomaly

32.9186, 29.2675, 15.7602

Tritanomaly

36.2380, 59.8943, 21.3686

Monochromacy



Original Color

36.2122, 62.7761, 17.4949

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

24.2251, 24.6379, 3.8492

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.2122, 62.7761, 17.4949 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, 55)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 55)  
}
```

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, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 36.2122, 62.7761, 17.4949 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, 55) }
```


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

```
.border{ border-color:rgb(204, 0, 55) }
```

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, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 55);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 55)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.2122, 62.7761, 17.4949 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, 55) }
```

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

```
.background{ background-color: rgb(204, 0,  
55) }
```

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