

Converting Colors

HunterLab(36.5794, 62.2215,
16.2424)

Have a look what the booklet for
HunterLab(36.5794, 62.2215,
16.2424) contains.

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Color

**HunterLab(36.5794, 62.2215,
16.2424)**

Conversions

Conversions Part 1

Format	Color
Hex	CC093E
RGB	204, 9, 62
RGB Percent	80%, 4%, 24%
CMY	0.2000, 0.9645, 0.7569
CMYK	0.00, 0.96, 0.70, 0.20
HSL	344°, 92%, 42%
HSV	344°, 96%, 80%
XYZ	25.8690, 13.3805, 5.7767
YIQ	73.3470, 99.2070, 57.8230

Conversions

Conversions Part 2

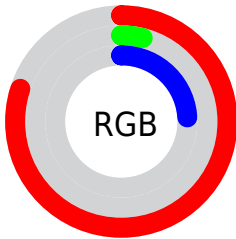
Format	Color
RYB	204, 9, 62
Decimal	13371710
CIELab	43.33, 68.29, 27.15
CIELCh	43, 73.485, 21.678
Yxy	13.3814, 0.5745, 0.2972
Android (android.graphics.Color)	4291561790 (0xFFCC093E)
YUV	73.3470, -5.5941, 114.5827
Hunter-Lab	36.5794, 62.2215, 16.2424

Details

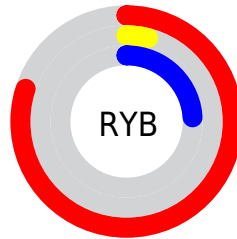
The HunterLab color **36.5794, 62.2215, 16.2424** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **67.4385, -45.7710, 14.9981**, and the grayscale version is **25.9382, -1.3840, 1.4093**.

A 20% lighter version of the original color is **54.3221, 61.2582, 18.7543**, and **23.9100, 41.1730, 13.6947** is the 20% darker color. If you saturate the color by 10%, you get **36.2175, 62.7963, 17.4138**, and if you desaturate by 10%, it is **37.7778, 59.9823, 13.3503**.

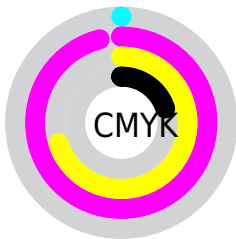
Distribution



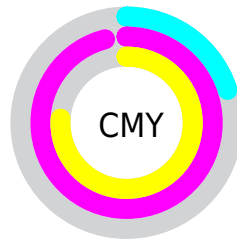
- Red (80%)
- Green (4%)
- Blue (24%)



- Red (80%)
- Yellow (4%)
- Blue (24%)



- Cyan (0%)
- Magenta (96%)
- Yellow (70%)
- Black (20%)




- Cyan (20%)
- Magenta (96%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 36.5794, 62.2215, 16.2424 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 36.5794, 62.2215, 16.2424 by changing the saturation by 10% instead.


 36.5794, 62.2215, 16.2424


 36.5794, 62.2215, 16.2424


146.0642, 79.7327, 34.7412


 27.7339, 59.9671, 13.7628


 56.5573, 66.7097, 20.7879


 19.7441, 57.9160, 11.0742

 67.5812, 68.8503, 22.9194

 12.7155, 56.5548, 8.9008


 79.2408, 70.8982, 24.9859

 6.0738, 67.2543, 4.2517

 91.5031, 72.8500, 27.0016

0.0000, INF, NaN

0.0000, NaN, NaN

 104.3399, 74.7063, 28.9775

0.0000, NaN, NaN

 117.7264, 76.4698,

0.0000, NaN, NaN

30.9219

0.0000, NaN, NaN

131.6409, 78.1440,
32.8414

■ 36.5794, 62.2215,
16.2424

■ 36.5794, 62.2215,
16.2424

■ 36.2175, 62.7963,
17.4138

■ 37.7778, 59.9823,
13.3503

■ 39.8406, 55.5269,
10.5498

■ 42.7791, 49.2235,
8.1053

■ 46.5290, 41.6820,
6.1721

■ 50.9913, 33.4801,
4.7964

■ 56.0607, 25.0388,
3.9499

■ 61.6407, 16.6138,
3.5686

■ 67.6499, 8.3364,
3.5798

■ 74.0215, 0.2595,
3.9158

Harmonies

Analogous

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



36.5805, 67.4581, -6.1666



36.5794, 62.2215, 16.2424



36.5805, 37.4808, 23.6434

Triad

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



36.5805, 62.2170, 16.2432



36.5805, -35.1750, 21.5786



36.5805, -9.3791, -92.6371

Complementary

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



36.5794, 62.2215, 16.2424



67.4385, -45.7710, 14.9981

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.



36.5805, -29.5674, -64.6644



36.5794, 62.2215, 16.2424



36.5805, -41.2652, 8.6174

Square

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



36.5805, 62.2170, 16.2432



36.5805, -19.6926, 24.8785



36.5805, -39.5754, -22.2378



36.5805, 19.9802, -83.8951

Rectangle

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



36.5794, 62.2215, 16.2424



36.5805, 16.4282, 25.0453



36.5805, -39.5754, -22.2378



36.5805, -17.2978, -86.7550

Sweetspot

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



36.5805, 62.2170, 16.2432



76.5190, 25.4954, 4.7147



33.0500, 68.2633, -80.9214



33.9766, 13.9665, 2.2895

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.5805, 62.2170, 16.2432



46.5758, 80.6921, 22.8895



39.0506, 51.1809, 24.5646



33.5602, 1.5603, 1.7604



28.7570, 49.9067, 13.4700



6.6303, 11.6981, 1.6219

Inverse Universe

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



36.5805, 62.2170, 16.2432



46.5758, 80.6921, 22.8895



54.9305, -18.4964, -28.1360



33.5602, 1.5603, 1.7604



28.7570, 49.9067, 13.4700



6.6303, 11.6981, 1.6219

Previews

White Background



This preview shows how the HunterLab color 36.5794, 62.2215, 16.2424 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 36.5794, 62.2215, 16.2424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

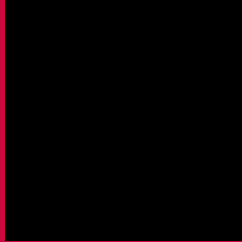
Any Text WCAG AA × Fail

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 36.5794, 62.2215, 16.2424 Background



This preview shows how black text looks on a background with the HunterLab color 36.5794, 62.2215, 16.2424.



This preview shows how white text looks on a background with the HunterLab color 36.5794, 62.2215,

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

36.5794, 62.2215, 16.2424

Protanopia

37.3156, -2.2136, 6.8672

Deuteranopia

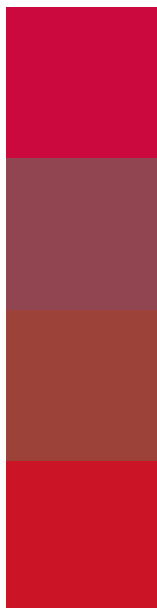
37.0956, 2.3712, 17.7070



Tritanopia

36.7331, 57.8954, 22.4232

Trichromacy



Original Color

36.5794, 62.2215, 16.2424

Protanomaly

32.8323, 24.7190, 6.6061

Deuteranomaly

33.5408, 28.4350, 14.5519

Tritanomaly

36.5108, 59.3700, 20.6949

Monochromacy



Original Color

36.5794, 62.2215, 16.2424

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

26.0304, 23.7057, 3.6308

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5794, 62.2215, 16.2424 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, 9, 62)` looks like.

```
.text, #text, p{  
    color:rgb(204, 9, 62)  
}
```

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, 9, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 9, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5794, 62.2215, 16.2424 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, 9, 62) }
```


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

```
.border{ border-color:rgb(204, 9, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 9, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 9, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 9, 62);  
box-shadow:4px 4px 4px 4px rgb(204, 9, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.5794, 62.2215, 16.2424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 9, 62) }
```

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

```
.background{ background-color: rgb(204, 9,  
62) }
```

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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