

Converting Colors

HunterLab(36.8276, 60.0355,
19.3274)

Have a look what the booklet for
HunterLab(36.8276, 60.0355,
19.3274) contains.

HunterLab(36.8118, 60.1281, 19.2321)	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(36.8118, 60.1281,
19.2321)**

Conversions

Conversions Part 1

Format	Color
Hex	CC1430
RGB	204, 20, 48
RGB Percent	80%, 8%, 19%
CMY	0.2000, 0.9215, 0.8118
CMYK	0.00, 0.90, 0.76, 0.20
HSL	351°, 82%, 44%
HSV	351°, 90%, 80%
XYZ	25.6855, 13.5511, 4.0582
YIQ	78.2080, 100.6760, 47.7160

Conversions

Conversions Part 2

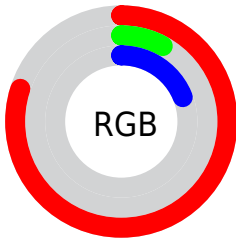
Format	Color
RYB	204, 20, 48
Decimal	13374512
CIELab	43.58, 66.44, 35.92
CIElCh	44, 75.527, 28.400
Yxy	13.5519, 0.5933, 0.3130
Android (android.graphics.Color)	4291564592 (0xFFCC1430)
YUV	78.2080, -14.8925, 110.3196
Hunter-Lab	36.8118, 60.1281, 19.2321

Details

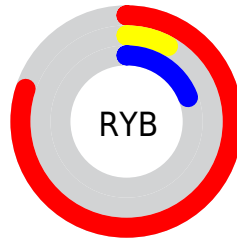
The HunterLab color **36.8118, 60.1281, 19.2321** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **68.1689, -41.4720, 5.5434**, and the grayscale version is **27.7081, -1.4784, 1.5054**.

A 20% lighter version of the original color is **54.3602, 59.2061, 22.9830**, and **23.8103, 40.8034, 15.1716** is the 20% darker color. If you saturate the color by 10%, you get **35.9671, 61.8701, 21.1068**, and if you desaturate by 10%, it is **38.4303, 56.4730, 16.8836**.

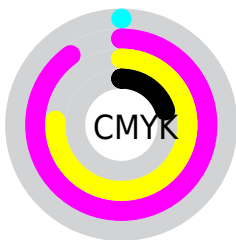
Distribution



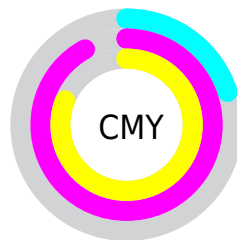
- Red (80%)
- Green (8%)
- Blue (19%)



- Red (80%)
- Yellow (8%)
- Blue (19%)



- Cyan (0%)
- Magenta (90%)
- Yellow (76%)
- Black (20%)



- Cyan (20%)
- Magenta (92%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8118, 60.1281, 19.2321 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 36.8118, 60.1281, 19.2321 by changing the saturation by 10% instead.

■ 36.8118, 60.1281,
19.2321

■ 36.8118, 60.1281,
19.2321

146.4327, 77.1627,
42.2254

■ 27.9458, 57.8925,
16.0457

■ 56.8259, 64.5318,
25.0208

■ 19.9334, 55.8220,
12.9680

■ 67.8663, 66.6201,
27.7047

■ 12.8791, 54.3506,
9.0154

■ 79.5414, 68.6128,
30.2868

■ 6.2984, 62.9480,
4.4089

■ 91.8185, 70.5080,
32.7868

0.0000, INF, NaN

0.0000, NaN, NaN

■ 104.6693, 72.3072,
35.2199

0.0000, NaN, NaN

■ 118.0693, 74.0134,

0.0000, NaN, NaN

37.5980

0.0000, NaN, NaN

131.9969, 75.6305,
39.9306

■ 36.8118, 60.1281,
19.2321

■ 36.8118, 60.1281,
19.2321

■ 35.9671, 61.8701,
21.1068

■ 38.4303, 56.4730,
16.8836

■ 40.9568, 50.8228,
14.3982

■ 44.3553, 43.7362,
12.0168

■ 48.5341, 35.8399,
9.9020

■ 53.3833, 27.6288,
8.1287

■ 58.7966, 19.4170,
6.7065

■ 64.6821, 11.3702,
5.6098

■ 70.9642, 3.5567,
4.7984

■ 77.5821, -4.0099,
4.2303

Harmonies

Analogous

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



36.8130, 70.8921, 0.5099



36.8118, 60.1281, 19.2321



36.8130, 31.5839, 24.5512

Triad

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



36.8130, 60.1236, 19.2328



36.8130, -38.1239, 20.2474



36.8130, -3.4923, -98.3319

Complementary

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



36.8118, 60.1281, 19.2321



68.1689, -41.4720, 5.5434

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.



36.8130, -26.6182, -76.4318



36.8118, 60.1281, 19.2321



36.8130, -42.4413, 3.4377

Square

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



36.8130, 60.1236, 19.2328



36.8130, -24.6790, 24.7887



36.8130, -38.9789, -32.6604



36.8130, 28.0779, -80.3516

Rectangle

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



36.8118, 60.1281, 19.2321



36.8130, 9.7817, 25.6385



36.8130, -38.9789, -32.6604



36.8130, -12.4038, -95.1977

Sweetspot

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



36.8130, 60.1236, 19.2328



77.7527, 22.0288, 8.1906



37.1263, 71.8523, -67.0949



34.7952, 11.8652, 4.0402

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.8130, 60.1236, 19.2328



46.2655, 79.5445, 27.4665



43.3878, 39.2516, 26.5165



33.5276, 1.3848, 2.2260



28.5501, 49.1418, 16.5188



6.5543, 11.4188, 2.7278

Inverse Universe

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



36.8130, 60.1236, 19.2328



46.2655, 79.5445, 27.4665



49.0470, -9.5447, -39.0012



33.5276, 1.3848, 2.2260



28.5501, 49.1418, 16.5188



6.5543, 11.4188, 2.7278

Previews

White Background



This preview shows how the HunterLab color 36.8118, 60.1281, 19.2321 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 36.8118, 60.1281, 19.2321 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 36.8118, 60.1281, 19.2321 Background



This preview shows how black text looks on a background with the HunterLab color 36.8118, 60.1281, 19.2321.



This preview shows how white text looks on a background with the HunterLab color 36.8118, 60.1281, 19.2321.

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

36.8118, 60.1281, 19.2321

Protanopia

37.2548, -3.2438, 13.1423

Deuteranopia

37.2510, 2.5688, 20.3423



Tritanopia

36.7331, 57.8954, 22.4232

Trichromacy



Original Color

36.8118, 60.1281, 19.2321

Protanomaly

33.5186, 21.9361, 12.7197

Deuteranomaly

34.3549, 26.5115, 18.1690

Tritanomaly

36.6725, 58.4944, 21.5256

Monochromacy



Original Color

36.8118, 60.1281, 19.2321

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.5982, 21.4808, 5.9739

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8118, 60.1281, 19.2321 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, 20, 48)` looks like.

```
.text, #text, p{  
    color:rgb(204, 20, 48)  
}
```

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, 20, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 20, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8118, 60.1281, 19.2321 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, 20, 48) }
```


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

```
.border{ border-color:rgb(204, 20, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 20, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 20, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 20, 48);  
box-shadow:4px 4px 4px 4px rgb(204, 20,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.8118, 60.1281, 19.2321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 20, 48) }
```

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

```
.background{ background-color: rgb(204, 20,  
48) }
```

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