

# Converting Colors

HunterLab(17.7802, 31.4913,  
3.4111)

Have a look what the booklet for  
HunterLab(17.7802, 31.4913,  
3.4111) contains.

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# Color

**HunterLab(17.8469, 31.5822,  
3.6338)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69002C
RGB	105, 0, 44
RGB Percent	41%, 0%, 17%
CMY	0.5882, 1.0000, 0.8275
CMYK	0.00, 1.00, 0.58, 0.59
HSL	335°, 100%, 21%
HSV	335°, 100%, 41%
XYZ	6.2803, 3.1851, 2.6667
YIQ	36.4110, 48.4560, 35.9440

# Conversions

## Conversions Part 2

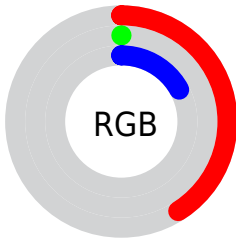
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 0, 44
Decimal	6881324
CIE Lab	20.77, 43.64, 5.32
CIE LCh	21, 43.966, 6.947
Yxy	3.1853, 0.5177, 0.2625
Android (android.graphics.Color)	4285071404 (0xFF69002C)
YUV	36.4110, 3.7414, 60.1526
Hunter-Lab	17.8469, 31.5822, 3.6338

# Details

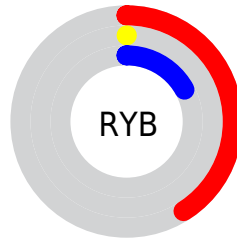
The HunterLab color **17.8469, 31.5822, 3.6338** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **32.3113, -23.9828, 11.3867**, and the grayscale version is **13.3925, -0.7146, 0.7276**.

A 20% lighter version of the original color is **34.2689, 34.9533, 5.3764**, and **8.8806, 15.2577, 5.3559** is the 20% darker color. If you saturate the color by 10%, you get **17.8467, 31.5818, 3.6354**, and if you desaturate by 10%, it is **18.6082, 29.9570, 2.3396**.

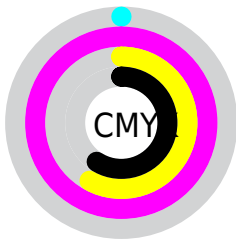
# Distribution



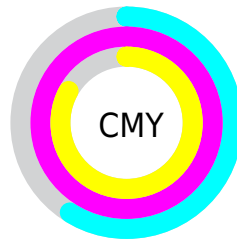
- Red (41%)
- Green (0%)
- Blue (17%)



- Red (41%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (59%)



- Cyan (59%)
- Magenta (100%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8469, 31.5822, 3.6338 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 17.8469, 31.5822, 3.6338 by changing the saturation by 10% instead.



■ 17.8469, 31.5822,  
3.6338

■ 17.8469, 31.5822,  
3.6338

■ 114.2469, 44.1503,  
11.4719

■ 11.0871, 29.8407,  
2.8058

■ 34.2378, 35.1244,  
5.2738

■ 2.9221, 67.2642,  
2.0454

■ 43.6714, 36.7438,  
6.1062

0.0000, INF, NaN

■ 53.8408, 38.2433,  
6.9538

0.0000, NaN, NaN

■ 64.6959, 39.6272,  
7.8187

0.0000, NaN, NaN

■ 76.1961, 40.9024,  
8.7025


0.0000, NaN, NaN


■ 88.3069, 42.0766,


0.0000, NaN, NaN


9.6057


0.0000, NaN, NaN


 100.9990, 43.1570,  
10.5288


 17.8469, 31.5822,  
3.6338


 17.8469, 31.5822,  
3.6338


 17.8467, 31.5818,  
3.6354

 18.6082, 29.9570,  
2.3396

 19.5638, 27.9229,  
1.1270

 20.8834, 25.0545,  
0.2443

 22.5436, 21.5940,  
-0.2837

 24.5075, 17.7802,  
-0.4764

■ 26.7348, 13.7992,  
-0.3761

■ 29.1871, 9.7744,  
-0.0319

■ 31.8312, 5.7777,  
0.5105

■ 34.6390, 1.8453,  
1.2125

# Harmonies

## Analogous

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



17.8474, 28.6546, -11.1948



17.8469, 31.5822, 3.6338



17.8474, 23.9797, 10.3134

# Triad

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



17.8474, 31.5802, 3.6343



17.8474, -13.7143, 12.3365



17.8474, -9.7876, -38.1529

# Complementary

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



17.8469, 31.5822, 3.6338



32.3113, -23.9828, 11.3867

# 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.



17.8474, -16.9571, -20.2769



17.8469, 31.5822, 3.6338



17.8474, -18.7248, 8.0398

# Square

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



17.8474, 31.5802, 3.6343



17.8474, -3.8998, 12.4932



17.8474, -19.7112, -2.1777



17.8474, 2.1978, -42.9621



# Rectangle

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



17.8469, 31.5822, 3.6338



17.8474, 14.9747, 12.4932



17.8474, -19.7112, -2.1777



17.8474, -12.7224, -33.0608

# Sweetspot

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



17.8474, 31.5802, 3.6343



38.7593, 13.5491, -0.0943



14.0193, 31.2795, -47.3347



18.2659, 7.3499, -0.1247



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225



# Same Dimension

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



17.8474, 31.5802, 3.6343



23.8330, 42.0835, 5.5648



17.7635, 28.2193, 11.4389



17.7084, 0.7367, 0.6544



20.0642, 35.4720, 4.3494



45.1079, 79.4004, 12.4671



# Inverse Universe

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



17.8474, 31.5802, 3.6343



23.8330, 42.0835, 5.5648



31.2337, -15.1248, -6.3883



17.7084, 0.7367, 0.6544



20.0642, 35.4720, 4.3494

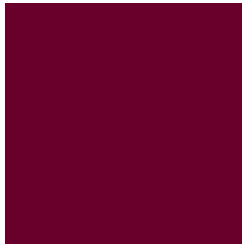


45.1079, 79.4004, 12.4671



# Previews

## White Background



This preview shows how the HunterLab color 17.8469, 31.5822, 3.6338 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 ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

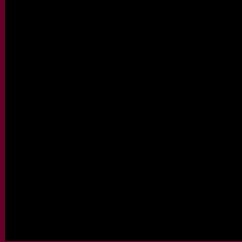
Any Text WCAG AA × Fail

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 17.8469, 31.5822, 3.6338 Background



This preview shows how black text looks on a background with the HunterLab color 17.8469, 31.5822, 3.6338.



This preview shows how white text looks on a background with the HunterLab color 17.8469, 31.5822,



# 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

17.8469, 31.5822, 3.6338

### Protanopia

19.3354, -0.0416, -2.9599

### Deuteranopia

19.2332, 0.9161, 5.6790



## Tritanopia

18.4828, 25.8559, 10.1405

# Trichromacy



## Original Color

17.8469, 31.5822, 3.6338

## Protanomaly

16.6705, 12.6832, -3.2728

## Deuteranomaly

17.0589, 13.7654, 3.4614

## Tritanomaly

18.0597, 27.9599, 8.2136

# Monochromacy



## Original Color

17.8469, 31.5822, 3.6338

## Achromatopsia

13.2823, -0.7087, 0.7217

## Achromatomaly

13.2340, 11.8700, -0.2369

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 17.8469, 31.5822, 3.6338 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(105, 0, 44)` looks like.

```
.text, #text, p{  
    color:rgb(105, 0, 44)  
}
```

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(105, 0, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 0, 44) }
```

## Border

The CSS property to change the border of an element to HunterLab 17.8469, 31.5822, 3.6338 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(105, 0, 44) }
```



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

```
.border{ border-color:rgb(105, 0, 44) }
```

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

Here you see how a box with a 4 pixel rgb(105, 0, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 0, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 0, 44);  
box-shadow:4px 4px 4px 4px rgb(105, 0, 44)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 17.8469, 31.5822, 3.6338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 0, 44) }
```

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

```
.background{ background-color: rgb(105, 0,  
44) }
```

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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