

# Converting Colors

HunterLab(29.0985, 15.3078,  
18.0491)

Have a look what the booklet for  
HunterLab(29.0985, 15.3078,  
18.0491) contains.

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# Color

**HunterLab(29.0087, 15.1804,  
17.9647)**

# Conversions

Conversions Part 1	
Format	Color
Hex	7F4203
RGB	127, 66, 3
RGB Percent	50%, 26%, 1%
CMY	0.5020, 0.7412, 0.9882
CMYK	0.00, 0.48, 0.98, 0.50
HSL	30°, 95%, 25%
HSV	30°, 98%, 50%
XYZ	10.7171, 8.4150, 1.1456
YIQ	77.0570, 56.5790, -6.6610

# Conversions

## Conversions Part 2

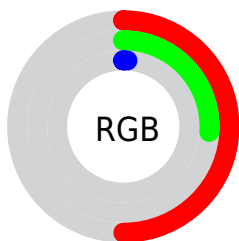
Format	Color
<a href="#">RYB</a>	<a href="#">123, 127, 3</a>
Decimal	<a href="#">8339971</a>
CIELab	<a href="#">34.83, 22.45, 43.82</a>
CIELCh	<a href="#">35, 49.232, 62.876</a>
Yxy	<a href="#">8.4155, 0.5285, 0.4150</a>
Android (android.graphics.Color)	<a href="#">4286530051</a> (0xFF7F4203)
YUV	<a href="#">77.0570, -36.5101, 43.8000</a>
Hunter-Lab	<a href="#">29.0087, 15.1804, 17.9647</a>

# Details

The HunterLab color **29.0087, 15.1804, 17.9647** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **22.8435, 4.5766, -37.9576**, and the grayscale version is **27.3761, -1.4607, 1.4874**.

A 20% lighter version of the original color is **47.8033, 16.5209, 25.2625**, and **13.6964, 13.3917, 8.6741** is the 20% darker color. If you saturate the color by 10%, you get **28.7029, 15.7874, 17.9629**, and if you desaturate by 10%, it is **30.3576, 12.5958, 17.9919**.

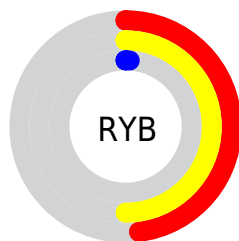
# Distribution



Red (50%)

Green (26%)

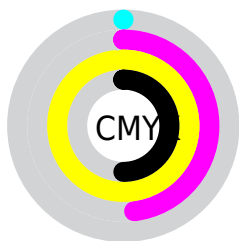
Blue (1%)



Red (48%)

Yellow (50%)

Blue (1%)

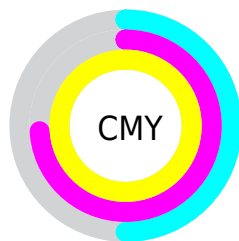


Cyan (0%)

Magenta (48%)

Yellow (98%)

Black (50%)



Cyan (50%)

Magenta (74%)


Yellow (99%)


# Brightness & Saturation Gradients


These gradients show how the HunterLab color 29.0087, 15.1804, 17.9647 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 29.0087, 15.1804, 17.9647 by changing the saturation by 10% instead.





 29.0087, 15.1804,  
17.9647


 29.0087, 15.1804,  
17.9647


 133.7743, 18.9733,  
46.1052


 20.8853, 14.2431,  
14.6197

 47.7169, 16.6509,  
25.2807

 13.7041, 13.1495,  
9.5929


 58.1703, 17.2216,  
28.6174

 7.3152, 13.4380,  
5.1206


 69.2920, 17.6992,  
31.7934

0.0000, INF, NaN

0.0000, NaN, NaN

 81.0441, 18.0932,  
34.8384

0.0000, NaN, NaN

 93.3943, 18.4116,  
37.7757

0.0000, NaN, NaN


0.0000, NaN, NaN


 106.3151, 18.6609,


40.6233


0.0000, NaN, NaN


 119.7822, 18.8466,  
43.3959


 29.0087, 15.1804,  
17.9647


 29.0087, 15.1804,  
17.9647

 28.7029, 15.7874,  
17.9629

 30.3576, 12.5958,  
17.9919

 31.8083, 10.1429,  
17.6825

 33.3615, 7.8720,  
16.9501

 35.0107, 5.7965,  
15.8057

 36.7494, 3.9205,  
14.2719

■ 38.5710, 2.2415,  
12.3765

■ 40.4694, 0.7525,  
10.1490

■ 42.4387, -0.5561,  
7.6188

■ 44.4735, -1.6952,  
4.8138

# Harmonies

## Analogous

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



29.0095, 31.9019, 14.0176



29.0087, 15.1804, 17.9647



29.0095, -3.1954, 18.7509

# Triad

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



29.0095, 15.1784, 17.9650



29.0095, -27.8043, -0.0496



29.0095, 18.7452, -39.3965

# Complementary

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



29.0087, 15.1804, 17.9647



22.8435, 4.5766, -37.9576

# 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.



29.0095, 0.1341, -50.9307



29.0087, 15.1804, 17.9647



29.0095, -24.4850, -21.3068

# Square

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



29.0095, 15.1784, 17.9650



29.0095, -25.5656, 12.5972



29.0095, -15.1783, -42.8928



29.0095, 34.2765, -16.8088



# Rectangle

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



29.0087, 15.1804, 17.9647



29.0095, -13.3526, 18.2036



29.0095, -15.1783, -42.8928



29.0095, 12.5067, -45.1431

# Sweetspot

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



29.0095, 15.1784, 17.9650



53.6263, 1.3962, 14.2282



22.2685, 39.0971, 1.0905



25.5007, 1.0199, 7.4157



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207



# Same Dimension

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



29.0095, 15.1784, 17.9650



38.0187, 22.0190, 23.8124



44.3816, -11.8764, 27.0246



21.6269, -0.7532, 2.5662



28.8202, 15.8656, 18.0367

0.0000, NaN, NaN



# Inverse Universe

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



22.8435, 4.5766, -37.9576



29.5103, 7.8905, -53.9186



12.7156, 32.5086, -85.2178



21.2926, -1.4669, -0.3080



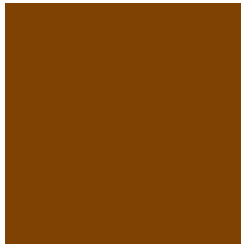
22.5151, 5.1969, -39.3604

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 29.0087, 15.1804, 17.9647 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



This preview shows how the HunterLab color 29.0087, 15.1804, 17.9647 looks on a 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 29.0087, 15.1804, 17.9647 Background



This preview shows how black text looks on a background with the HunterLab color 29.0087, 15.1804, 17.9647.



This preview shows how white text looks on a background with the HunterLab color 29.0087, 15.1804,



# 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

29.0087, 15.1804, 17.9647

### Protanopia

29.2196, -4.2919, 17.2874

### Tritanopia

28.9792, 21.3865, 7.6859

# Trichromacy



**Original Color**  
29.0087, 15.1804, 17.9647

**Protanomaly**  
28.8592, 2.2153, 17.3497

**Tritanomaly**  
28.8420, 18.3199, 13.3948

# Monochromacy



**Original Color**  
29.0087, 15.1804, 17.9647

**Achromatopsia**  
27.2422, -1.4536, 1.4801

**Achromatomaly**  
27.2549, 2.5867, 10.2751

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 29.0087, 15.1804, 17.9647 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(127, 66, 3)` looks like.

```
.text, #text, p{  
    color:rgb(127, 66, 3)  
}
```

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(127, 66, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 66, 3) }
```

## Border

The CSS property to change the border of an element to HunterLab 29.0087, 15.1804, 17.9647 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(127, 66, 3) }
```

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

```
.border{ border-color:rgb(127, 66, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 66, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 66, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 66, 3);  
box-shadow:4px 4px 4px 4px rgb(127, 66, 3)  
}
```



# Background

The CSS property to change the background color of an element to HunterLab 29.0087, 15.1804, 17.9647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 66, 3) }
```

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

```
.background{ background-color: rgb(127, 66,  
3) }
```

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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