

Converting Colors

HunterLab(29.8092, -7.5720,
17.0944)

Have a look what the booklet for
HunterLab(29.8092, -7.5720,
17.0944) contains.

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Color

**HunterLab(29.8099, -7.5700,
17.0980)**

Conversions

Conversions Part 1

Format	Color
Hex	575712
RGB	87, 87, 18
RGB Percent	34%, 34%, 7%
CMY	0.6588, 0.6588, 0.9294
CMYK	0.00, 0.00, 0.79, 0.66
HSL	60°, 66%, 21%
HSV	60°, 79%, 34%
XYZ	7.4479, 8.8863, 1.8949
YIQ	79.1340, 22.1490, -21.4590

Conversions

Conversions Part 2

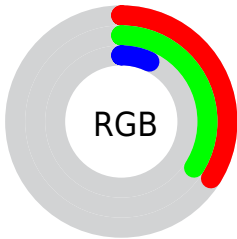
Format	Color
R_{YB}	18, 87, 18
Decimal	5723922
CIE _{Lab}	35.77, -9.16, 37.42
CIE _{LCh}	36, 38.525, 103.760
Yxy	8.8867, 0.4086, 0.4875
Android (android.graphics.Color)	4283914002 (0xFF575712)
YUV	79.1340, -30.1391, 6.8985
Hunter-Lab	29.8099, -7.5700, 17.0980

Details

The HunterLab color **29.8099, -7.5700, 17.0980** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.1781, 15.3507, -40.6724**, and the grayscale version is **28.1106, -1.4999, 1.5273**.

A 20% lighter version of the original color is **48.7704, -9.9293, 23.4227**, and **14.3805, -4.9670, 8.7743** is the 20% darker color. If you saturate the color by 10%, you get **29.7715, -7.7933, 17.6766**, and if you desaturate by 10%, it is **29.8677, -7.2469, 16.2547**.

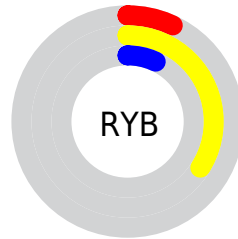
Distribution



Red (34%)

Green (34%)

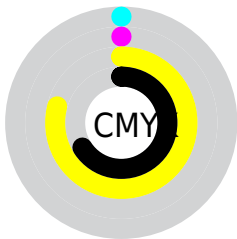
Blue (7%)



Red (7%)

Yellow (34%)

Blue (7%)

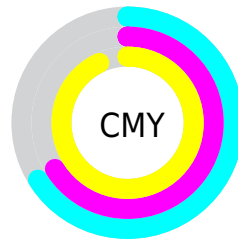


Cyan (0%)

Magenta (0%)

Yellow (79%)

Black (66%)



Cyan (66%)

Magenta (66%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8099, -7.5700, 17.0980 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 29.8099, -7.5700, 17.0980 by changing the saturation by 10% instead.

■ 29.8099, -7.5700,
17.0980

■ 29.8099, -7.5700,
17.0980

■ 135.1039,
-17.3741, 41.5922

■ 21.6041, -6.4709,
13.7791

■ 48.6614, -9.7207,
23.3993

■ 14.3299, -5.3272,
10.0309

■ 59.1788, -10.7903,
26.2826

■ 7.9891, -5.4247,
5.5923

■ 70.3608, -11.8638,
29.0370

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.1698, -12.9444,
31.6883

0.0000, NaN, NaN

■ 94.5743, -14.0343,
34.2559

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.5470,

-15.1352, 36.7548

0.0000, NaN, NaN

121.0638,
-16.2482, 39.1971

29.8099, -7.5700,
17.0980

29.8099, -7.5700,
17.0980

29.7715, -7.7933,
17.6766

29.8677, -7.2469,
16.2547

29.7394, -7.9757,
18.1512

29.9447, -6.8116,
15.1216

29.7372, -7.9884,
18.1841

30.0428, -6.2577,
13.6799

30.1635, -5.5796,
11.9148

30.3076, -4.7731,
9.8153

■ 30.4761, -3.8352,
7.3736

■ 30.6697, -2.7642,
4.5854

■ 30.8889, -1.5597,
1.4492

■ 31.1341, -0.2220,
-2.0337

Harmonies

Analogous

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



29.8106, 6.0937, 17.0033



29.8099, -7.5700, 17.0980



29.8106, -17.6338, 14.5935

Triad

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



29.8106, -7.5710, 17.0982



29.8106, -18.2518, -21.2716



29.8106, 27.9600, -6.2220

Complementary

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



29.8099, -7.5700, 17.0980



11.1781, 15.3507, -40.6724

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.



29.8106, 18.7770, -22.5709



29.8099, -7.5700, 17.0980



29.8106, -8.5706, -33.5897

Square

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



29.8106, -7.5710, 17.0982



29.8106, -23.0091, -4.9343



29.8106, 4.8984, -34.1501



29.8106, 28.3595, 6.9625

Rectangle

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



29.8099, -7.5700, 17.0980



29.8106, -21.6389, 10.6720



29.8106, 4.8984, -34.1501



29.8106, 25.7327, -11.6324

Sweetspot

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



29.8106, -7.5710, 17.0982



39.6869, -5.7008, 11.4309



15.8200, 20.3391, 7.9592



19.5799, -2.9442, 5.9802



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



29.8106, -7.5710, 17.0982



38.8618, -10.3452, 23.5196



27.5753, -16.1511, 15.4783



15.5598, -1.3709, 2.2449



36.9702, -9.9314, 22.6070



87.6244, -23.5391, 53.5816

Inverse Universe

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



11.1781, 15.3507, -40.6724



11.5426, 27.2289, -71.4512



13.6541, 20.2784, -30.3876



14.3550, -0.1799, -0.7371



10.3135, 27.9749, -73.2792



24.4441, 66.3043, -173.6834

Previews

White Background



This preview shows how the HunterLab color 29.8099, -7.5700, 17.0980 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

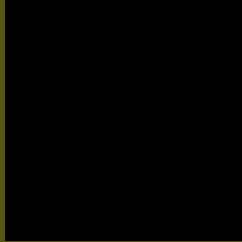
Any Text WCAG AA × Fail

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 29.8099, -7.5700, 17.0980 Background



This preview shows how black text looks on a background with the HunterLab color 29.8099, -7.5700, 17.0980.



This preview shows how white text looks on a background with the HunterLab color 29.8099, -7.5700,

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

29.8099, -7.5700, 17.0980

Protanopia

29.6884, -3.9103, 17.1663

Deuteranopia

29.7648, 1.6290, 16.8574



Tritanopia

29.8331, 2.7003, 0.5103

Trichromacy



Original Color

29.8099, -7.5700, 17.0980

Protanomaly

29.6863, -5.2713, 17.1411

Deuteranomaly

29.8216, -2.0634, 16.9293

Tritanomaly

29.5947, -1.8673, 9.0731

Monochromacy



Original Color

29.8099, -7.5700, 17.0980

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.5023, -4.5658, 9.4309

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8099, -7.5700, 17.0980 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(87, 87, 18)` looks like.

```
.text, #text, p{  
    color:rgb(87, 87, 18)  
}
```

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(87, 87, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 87, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8099, -7.5700, 17.0980 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(87, 87, 18) }
```


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

```
.border{ border-color:rgb(87, 87, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 87, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 87, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 87, 18);  
box-shadow:4px 4px 4px 4px rgb(87, 87, 18)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.8099, -7.5700, 17.0980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 87, 18) }
```

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

```
.background{ background-color: rgb(87, 87,  
18) }
```

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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