

Converting Colors

HunterLab(59.0771, 17.2056,
35.8147)

Have a look what the booklet for
HunterLab(59.0771, 17.2056,
35.8147) contains.

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Color

**HunterLab(59.1114, 17.2295,
35.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	DE8E18
RGB	222, 142, 24
RGB Percent	87%, 56%, 9%
CMY	0.1294, 0.4431, 0.9059
CMYK	0.00, 0.36, 0.89, 0.13
HSL	36°, 80%, 48%
HSV	36°, 89%, 87%
XYZ	39.9621, 34.9416, 5.5024
YIQ	152.4680, 85.5580, -19.7380

Conversions

Conversions Part 2

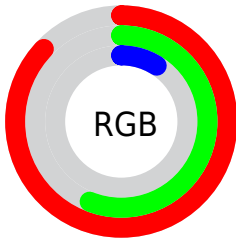
Format	Color
R _Y B	158, 222, 24
Decimal	14585368
CIE Lab	65.70, 22.40, 66.92
CIE LCh	66, 70.575, 71.492
Yxy	34.9434, 0.4970, 0.4346
Android (android.graphics.Color)	4292775448 (0xFFDE8E18)
YUV	152.4680, -63.3347, 60.9796
Hunter-Lab	59.1114, 17.2295, 35.8590

Details

The HunterLab color **59.1114, 17.2295, 35.8590** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **39.2029, 15.6835, -80.0849**, and the grayscale version is **56.4498, -3.0120, 3.0670**.

A 20% lighter version of the original color is **78.3354, 5.4234, 42.1709**, and **39.0274, 16.4305, 24.3361** is the 20% darker color. If you saturate the color by 10%, you get **56.8495, 21.4814, 35.3524**, and if you desaturate by 10%, it is **61.5254, 13.2655, 35.6324**.

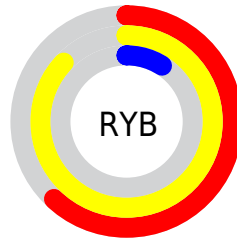
Distribution



Red (87%)

Green (56%)

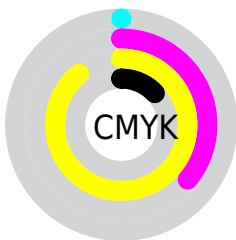
Blue (9%)



Red (62%)

Yellow (87%)

Blue (9%)

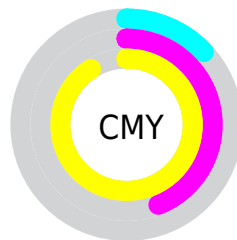


Cyan (0%)

Magenta (36%)

Yellow (89%)

Black (13%)



Cyan (13%)

Magenta (44%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.1114, 17.2295, 35.8590 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 59.1114, 17.2295, 35.8590 by changing the saturation by 10% instead.

■ 59.1114, 17.2295,
35.8590

■ 59.1114, 17.2295,
35.8590

180.0884, 18.9762,
72.1678

■ 48.5997, 16.6658,
30.9925

■ 82.0963, 18.0795,
44.9374

■ 38.7962, 16.0015,
25.8884

■ 94.4973, 18.3899,
49.2001

■ 29.7582, 15.2183,
20.8307

■ 107.4666, 18.6318,
53.3100

■ 21.5570, 14.2981,
15.0899

■ 120.9802, 18.8106,
57.2871

■ 14.2888, 13.2210,
10.0022

■ 135.0171, 18.9307,
61.1482

■ 7.9469, 12.7228,
5.5628

■ 149.5585, 18.9962,

0.0000, INF, NaN

64.9075

0.0000, NaN, NaN

164.5873, 19.0104,
68.5773

0.0000, NaN, NaN

■ 59.1114, 17.2295,
35.8590

■ 59.1114, 17.2295,
35.8590

■ 56.8495, 21.4814,
35.3524

■ 61.5254, 13.2655,
35.6324

■ 56.6705, 21.8319,
35.3023

■ 64.0893, 9.6705,
34.5411

■ 66.7997, 6.4674,
32.5688

■ 69.6504, 3.6658,
29.7321

■ 72.6340, 1.2634,
26.0663

■ 75.7432, -0.7500,
21.6179

■ 78.9704, -2.3899,
16.4379

■ 82.3085, -3.6750,
10.5792

■ 85.7506, -4.6257,
4.0935

Harmonies

Analogous

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



59.1129, 49.1247, 29.9996



59.1114, 17.2295, 35.8590



59.1129, -14.6961, 36.3452

Triad

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



59.1129, 17.2260, 35.8596



59.1129, -51.3989, -9.3875



59.1129, 42.3262, -57.8844

Complementary

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



59.1114, 17.2295, 35.8590



39.2029, 15.6835, -80.0849

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.



59.1129, 9.3407, -85.0989



59.1114, 17.2295, 35.8590



59.1129, -41.8804, -48.7890

Square

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



59.1129, 17.2260, 35.8596



59.1129, -50.1557, 18.6828



59.1129, -21.1054, -81.1030



59.1129, 65.5715, -18.0388

Rectangle

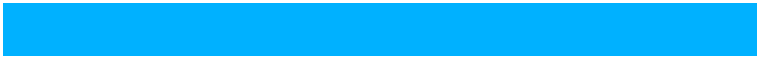
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.1114, 17.2295, 35.8590



59.1129, -31.4712, 34.2074



59.1129, -21.1054, -81.1030



59.1129, 31.7508, -69.5601

Sweetspot

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



59.1129, 17.2260, 35.8596



89.3588, -1.2909, 24.1617



41.5140, 69.5800, 7.1278



40.7506, -0.2593, 12.0801

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.1129, 17.2260, 35.8596



66.1123, 25.9542, 41.1925



80.8446, -27.5462, 48.6998



38.7970, -1.7202, 5.0691



43.9312, 16.2922, 27.3554



12.2964, 2.8193, 7.6263

Inverse Universe

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



39.2029, 15.6835, -80.0849



41.1406, 27.3740, -110.5147



25.2760, 57.5053, -145.5222



37.6136, -2.2118, -1.1168



27.6590, 16.7157, -70.6556



8.3819, 2.0606, -14.9249

Previews

White Background



This preview shows how the HunterLab color 59.1114, 17.2295, 35.8590 looks on a white 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

Black Background



This preview shows how the HunterLab color 59.1114, 17.2295, 35.8590 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 59.1114, 17.2295, 35.8590 Background



This preview shows how black text looks on a background with the HunterLab color 59.1114, 17.2295, 35.8590.



This preview shows how white text looks on a background with the HunterLab color 59.1114, 17.2295, 35.8590.

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

59.1114, 17.2295, 35.8590

Protanopia

59.1047, -7.9539, 35.1147

Deuteranopia

59.1986, 3.9411, 36.1308



Tritanopia

59.1181, 32.8039, 11.3370

Trichromacy



Original Color

59.1114, 17.2295, 35.8590

Protanomaly

58.7058, 0.9328, 35.1433

Deuteranomaly

58.9735, 8.7678, 35.9174

Tritanomaly

58.8880, 25.5297, 24.8485

Monochromacy



Original Color

59.1114, 17.2295, 35.8590

Achromatopsia

56.0347, -2.9899, 3.0445

Achromatomaly

56.1666, 1.0897, 20.5209

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.1114, 17.2295, 35.8590 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(222, 142, 24)` looks like.

```
.text, #text, p{  
    color:rgb(222, 142, 24)  
}
```

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(222, 142, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 142, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 59.1114, 17.2295, 35.8590 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(222, 142, 24) }
```


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

```
.border{ border-color:rgb(222, 142, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 142, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 142, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 142, 24);  
box-shadow:4px 4px 4px 4px rgb(222, 142,  
24) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.1114, 17.2295, 35.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 142, 24) }
```

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

```
.background{ background-color: rgb(222,  
142, 24) }
```

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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