

Converting Colors

HunterLab(59.2886, 17.6235,
36.0668)

Have a look what the booklet for
HunterLab(59.2886, 17.6235,
36.0668) contains.

HunterLab(59.2384, 17.6137, 36.0511)	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(59.2384, 17.6137,
36.0511)**

Conversions

Conversions Part 1

Format	Color
Hex	DF8E16
RGB	223, 142, 22
RGB Percent	87%, 56%, 9%
CMY	0.1255, 0.4431, 0.9137
CMYK	0.00, 0.36, 0.90, 0.13
HSL	36°, 82%, 48%
HSV	36°, 90%, 87%
XYZ	40.2492, 35.0919, 5.4111
YIQ	152.5390, 86.7960, -20.1480

Conversions

Conversions Part 2

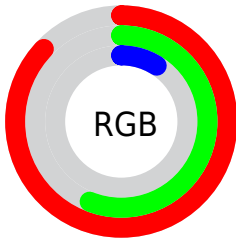
Format	Color
RYB	158, 223, 22
Decimal	14650902
CIELab	65.82, 22.79, 67.54
CIElCh	66, 71.281, 71.350
Yxy	35.0937, 0.4984, 0.4346
Android (android.graphics.Color)	4292840982 (0xFFDF8E16)
YUV	152.5390, -64.3557, 61.7943
Hunter-Lab	59.2384, 17.6137, 36.0511

Details

The HunterLab color **59.2384, 17.6137, 36.0511** 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 **38.9853, 16.4820, -81.8602**, and the grayscale version is **56.4822, -3.0137, 3.0688**.

A 20% lighter version of the original color is **78.3256, 5.3710, 42.3153**, and **39.1608, 16.8307, 24.4253** is the 20% darker color. If you saturate the color by 10%, you get **57.0096, 21.8361, 35.5113**, and if you desaturate by 10%, it is **61.6464, 13.6071, 35.9036**.

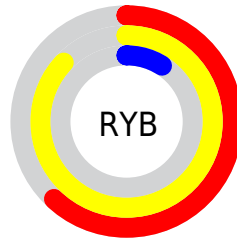
Distribution



Red (87%)

Green (56%)

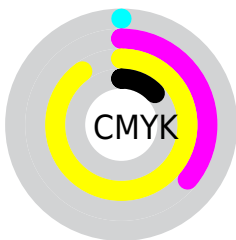
Blue (9%)



Red (62%)

Yellow (87%)

Blue (9%)

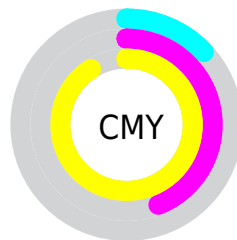


Cyan (0%)

Magenta (36%)

Yellow (90%)

Black (13%)



Cyan (13%)

Magenta (44%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.2384, 17.6137, 36.0511 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 59.2384, 17.6137, 36.0511 by changing the saturation by 10% instead.

59.2384, 17.6137,
36.0511

59.2384, 17.6137,
36.0511

180.2725, 19.4895,
72.6410

48.7186, 17.0332,
31.1484

82.2380, 18.4955,
45.1999

38.9066, 16.3516,
26.0131

94.6458, 18.8210,
49.4961

29.8592, 15.5505,
20.9015

107.6215, 19.0776,
53.6384

21.6478, 14.6121,
15.1534

121.1414, 19.2707,
57.6467

14.3680, 13.5172,
10.0576

135.1843, 19.4047,
61.5377

8.0280, 12.9271,
5.6196

149.7315, 19.4836,

0.0000, INF, NaN

65.3259

0.0000, NaN, NaN

164.7660, 19.5109,
69.0235

0.0000, NaN, NaN

■ 59.2384, 17.6137,
36.0511

■ 59.2384, 17.6137,
36.0511

■ 57.0096, 21.8361,
35.5113

■ 61.6464, 13.6071,
35.9036

■ 64.2048, 9.9678,
34.8905

■ 66.9106, 6.7209,
32.9913

■ 69.7576, 3.8774,
30.2194

■ 72.7386, 1.4358,
26.6092

■ 75.8462, -0.6133,
22.2060

■ 79.0730, -2.2851,
17.0610

■ 82.4116, -3.5981,
11.2272

■ 85.8553, -4.5728,
4.7565

Harmonies

Analogous

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



59.2399, 49.8747, 30.1613



59.2384, 17.6137, 36.0511



59.2399, -14.6867, 36.5543

Triad

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



59.2399, 17.6102, 36.0517



59.2399, -51.8548, -9.3565



59.2399, 42.7118, -58.8867

Complementary

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



59.2384, 17.6137, 36.0511



38.9853, 16.4820, -81.8602

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.



59.2399, 9.3127, -86.4188



59.2384, 17.6137, 36.0511



59.2399, -42.3212, -49.2817

Square

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



59.2399, 17.6102, 36.0517



59.2399, -50.5529, 18.9286



59.2399, -21.4193, -82.1945



59.2399, 66.3392, -18.4702

Rectangle

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



59.2384, 17.6137, 36.0511



59.2399, -31.6522, 34.4417



59.2399, -21.4193, -82.1945



59.2399, 31.9918, -70.7182

Sweetspot

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



59.2399, 17.6102, 36.0517



89.3811, -1.3288, 24.1825



41.5901, 70.1667, 7.5131



40.7621, -0.2790, 12.0905

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.2399, 17.6102, 36.0517



66.1785, 25.8148, 41.2308



81.2345, -27.7770, 49.0158



38.8002, -1.7255, 5.0725



43.9743, 16.2024, 27.3804



12.3065, 2.7995, 7.6322

Inverse Universe

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



38.9853, 16.4820, -81.8602



41.0755, 27.5291, -110.7683



25.1561, 58.3937, -148.0142



37.6104, -2.2065, -1.1208



27.6162, 16.8150, -70.8166



8.3714, 2.0814, -14.9565

Previews

White Background



This preview shows how the HunterLab color 59.2384, 17.6137, 36.0511 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 59.2384, 17.6137, 36.0511 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 59.2384, 17.6137, 36.0511 Background



This preview shows how black text looks on a background with the HunterLab color 59.2384, 17.6137, 36.0511.



This preview shows how white text looks on a background with the HunterLab color 59.2384, 17.6137, 36.0511.

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

59.2384, 17.6137, 36.0511

Protanopia

59.4957, -8.0788, 35.4247

Deuteranopia

59.3066, 4.2832, 36.3611



Tritanopia

59.2567, 33.2012, 11.4894

Trichromacy



Original Color

59.2384, 17.6137, 36.0511

Protanomaly

59.0945, 0.8161, 35.4475

Deuteranomaly

59.0874, 9.1200, 36.1521

Tritanomaly

59.0094, 25.8603, 25.2038

Monochromacy



Original Color

59.2384, 17.6137, 36.0511

Achromatopsia

56.4399, -3.0115, 3.0665

Achromatomaly

56.5507, 0.9615, 20.8511

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.2384, 17.6137, 36.0511 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(223, 142, 22)` looks like.

```
.text, #text, p{  
    color:rgb(223, 142, 22)  
}
```

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(223, 142, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 142, 22) }
```

Border

The CSS property to change the border of an element to HunterLab 59.2384, 17.6137, 36.0511 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(223, 142, 22) }
```


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

```
.border{ border-color:rgb(223, 142, 22) }
```

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

Here you see how a box with a 4 pixel rgb(223, 142, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 142, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 142, 22);  
box-shadow:4px 4px 4px 4px rgb(223, 142,  
22) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.2384, 17.6137, 36.0511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 142, 22) }
```

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

```
.background{ background-color: rgb(223,  
142, 22) }
```

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