

Converting Colors

HunterLab(54.9829, 19.8924,
33.7570)

Have a look what the booklet for
HunterLab(54.9829, 19.8924,
33.7570) contains.

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Color

**HunterLab(55.0417, 19.7776,
33.7759)**

Conversions

Conversions Part 1

Format	Color
Hex	D6820F
RGB	214, 130, 15
RGB Percent	84%, 51%, 6%
CMY	0.1608, 0.4902, 0.9412
CMYK	0.00, 0.39, 0.93, 0.16
HSL	35°, 87%, 45%
HSV	35°, 93%, 84%
XYZ	35.8004, 30.2959, 4.4127
YIQ	142.0060, 86.9790, -17.9570

Conversions

Conversions Part 2

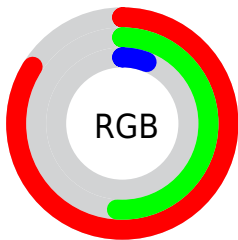
Format	Color
RYB	160, 214, 15
Decimal	14057999
CIELab	61.91, 25.28, 65.63
CIElCh	62, 70.326, 68.935
Yxy	30.2975, 0.5077, 0.4297
Android (android.graphics.Color)	4292248079 (0xFFD6820F)
YUV	142.0060, -62.6140, 63.1387
Hunter-Lab	55.0417, 19.7776, 33.7759

Details

The HunterLab color **55.0417, 19.7776, 33.7759** 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 **37.2561, 15.2760, -78.0180**, and the grayscale version is **52.2312, -2.7869, 2.8378**.

A 20% lighter version of the original color is **74.6075, 11.8231, 40.6001**, and **35.3689, 18.8810, 22.1247** is the 20% darker color. If you saturate the color by 10%, you get **53.5064, 22.7853, 33.3693**, and if you desaturate by 10%, it is **57.3606, 15.6746, 33.8607**.

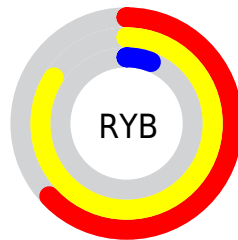
Distribution



Red (84%)

Green (51%)

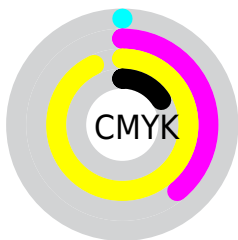
Blue (6%)



Red (63%)

Yellow (84%)

Blue (6%)

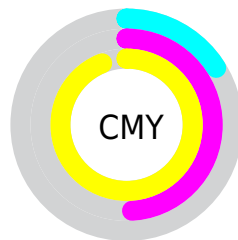


Cyan (0%)

Magenta (39%)

Yellow (93%)

Black (16%)



Cyan (16%)

Magenta (49%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.0417, 19.7776, 33.7759 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 55.0417, 19.7776, 33.7759 by changing the saturation by 10% instead.

■ 55.0417, 19.7776,
33.7759

■ 55.0417, 19.7776,
33.7759

174.1518, 22.7491,
69.9150

■ 44.7934, 19.0439,
28.9005

■ 77.5450, 20.9416,
42.8493

■ 35.2731, 18.1993,
23.9118

■ 89.7234, 21.3979,
47.0993

■ 26.5432, 17.2250,
18.5802

■ 102.4800, 21.7795,
51.1915

■ 18.6829, 16.1043,
13.0780

■ 115.7897, 22.0924,
55.1467

■ 11.8020, 14.8284,
8.2614

■ 129.6304, 22.3417,
58.9828

■ 4.5984, 23.7068,
3.2189

■ 143.9824, 22.5318,

0.0000, NaN, NaN

62.7147

0.0000, NaN, NaN

158.8282, 22.6665,
66.3551

0.0000, NaN, NaN

55.0417, 19.7776,
33.7759

55.0417, 19.7776,
33.7759

53.5064, 22.7853,
33.3693

57.3606, 15.6746,
33.8607

59.8347, 11.9073,
33.1373

62.4603, 8.5075,
31.5776

65.2305, 5.4901,
29.1919

68.1377, 2.8569,
26.0129

■ 71.1735, 0.6000,
22.0850

■ 74.3301, -1.2945,
17.4585

■ 77.5995, -2.8443,
12.1854

■ 80.9745, -4.0694,
6.3169

Harmonies

Analogous

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



55.0431, 50.5342, 27.7957



55.0417, 19.7776, 33.7759



55.0431, -11.7593, 34.5310

Triad

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



55.0431, 19.7742, 33.7764



55.0431, -49.7343, -6.3964



55.0431, 38.9958, -60.4959

Complementary

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



55.0417, 19.7776, 33.7759



37.2561, 15.2760, -78.0180

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.



55.0431, 6.4722, -85.5675



55.0417, 19.7776, 33.7759



55.0431, -41.5460, -44.8832

Square

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



55.0431, 19.7742, 33.7764



55.0431, -47.6867, 19.5178



55.0431, -22.4796, -78.6734



55.0431, 63.2052, -21.0748

Rectangle

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



55.0417, 19.7776, 33.7759



55.0431, -28.5466, 32.8783



55.0431, -22.4796, -78.6734



55.0431, 28.4189, -71.6450

Sweetspot

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



55.0431, 19.7742, 33.7764



88.5890, -0.4098, 24.3782



39.4742, 67.7671, 6.9263



40.2163, 0.2978, 12.3753

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.0431, 19.7742, 33.7764



64.9937, 28.3359, 40.5449



77.7868, -25.6392, 47.1383



36.8792, -1.5527, 4.7548



41.8507, 17.1776, 26.0889



11.0394, 2.6672, 6.8491

Inverse Universe

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



37.2561, 15.2760, -78.0180



42.2704, 24.7305, -106.2204



23.3400, 57.0071, -146.2265



35.8631, -2.1917, -0.9816



27.5392, 14.4269, -65.5650



7.8697, 1.2811, -12.6019

Previews

White Background



This preview shows how the HunterLab color 55.0417, 19.7776, 33.7759 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 55.0417, 19.7776, 33.7759 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 55.0417, 19.7776, 33.7759 Background



This preview shows how black text looks on a background with the HunterLab color 55.0417, 19.7776, 33.7759.



This preview shows how white text looks on a background with the HunterLab color 55.0417, 19.7776,

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

55.0417, 19.7776, 33.7759

Protanopia

55.0506, -7.4514, 32.9739

Deuteranopia

55.0392, 3.9211, 33.9836



Tritanopia

55.0877, 33.4675, 11.8005

Trichromacy



Original Color

55.0417, 19.7776, 33.7759

Protanomaly

54.7779, 1.7261, 33.1173

Deuteranomaly

55.0727, 9.5087, 33.9474

Tritanomaly

54.6549, 27.1024, 24.1371

Monochromacy



Original Color

55.0417, 19.7776, 33.7759

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

52.2937, 1.8369, 19.7084

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.0417, 19.7776, 33.7759 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(214, 130, 15)` looks like.

```
.text, #text, p{  
    color:rgb(214, 130, 15)  
}
```

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(214, 130, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 130, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 55.0417, 19.7776, 33.7759 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(214, 130, 15) }
```


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

```
.border{ border-color:rgb(214, 130, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 130, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 130, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 130, 15);  
box-shadow:4px 4px 4px 4px rgb(214, 130,  
15) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.0417, 19.7776, 33.7759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 130, 15) }
```

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

```
.background{ background-color: rgb(214,  
130, 15) }
```

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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