Converting Colors

HunterLab(57.9877, 45.1424, 35.1249)

Have a look what the booklet for HunterLab(57.9877, 45.1424, 35.1249) contains.

HunterLab(57.9877, 45.1424, 35.1249) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 28
- ***CSS Examples*** 31

Color

HunterLab(57.9877, 45.1424, 35.1249)

Conversions

Conversions Part 1

Format	Color
Hex	FF7320
RGB	255, 115, 32
RGB Percent	100%, 45%, 13%
CMY	0.0000, 0.5490, 0.8745
CMYK	0.00, 0.55, 0.87, 0.00
HSL	22°, 100%, 56%
HSV	22°, 87%, 100%
XYZ	47.6314, 33.6257, 5.3464
YIQ	147.3980, 110.0830, 3.8670

Conversions

Conversions Part 2

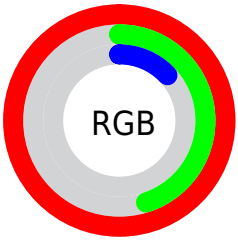
Format	Color
RYB	255, 164, 32
Decimal	16741152
CIELab	64.67, 49.45, 65.84
CIELCh	65, 82.344, 53.088
Yxy	33.6276, 0.5500, 0.3883
Android (android.graphics.Color)	4294931232 (0xFFFF7320)
YUV	147.3980, -56.8912, 94.3670
Hunter-Lab	57.9877, 45.1424, 35.1249

Details

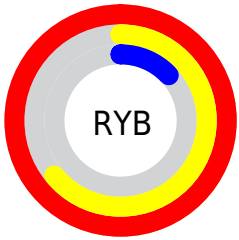
The HunterLab color 57.9877, 45.1424, 35.1249 is a dark color, and the websafe version is hex FF6600. The color can be described as middle washed orange. A complement of this color would be 60.8518, -8.5260, -54.8315, and the grayscale version is 54.3683, -2.9010, 2.9539.

A 20% lighter version of the original color is 71.2022, 19.1318, 36.7011, and 37.7950, 42.0305, 24.0249 is the 20% darker color. If you saturate the color by 10%, you get 54.9526, 52.3989, 34.5774, and if you desaturate by 10%, it is 61.4796, 37.8983, 34.7502.

Distribution

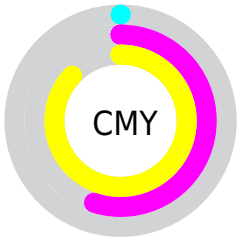


- Red (100%)
- Green (45%)
- Blue (13%)



- Red (100%)
- Yellow (64%)
- Blue (13%)

- Cyan (0%)
- Magenta (55%)
- Yellow (87%)
- Black (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.9877, 45.1424, 35.1249 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 57.9877, 45.1424, 35.1249 by changing the saturation by 10% instead.

57.9877, 45.1424, 35.1249

57.9877, 45.1424, 35.1249

178.4568, 55.7286, 71.0339

47.5475, 43.4779, 30.3031

80.8419, 48.1275, 44.1117

37.8207, 41.7058, 25.2502

93.1824, 49.4685, 48.3283

28.8660, 39.8320, 20.2062

106.0938, 50.7152, 52.3927

20.7567, 37.8992, 14.5297

119.5519, 51.8737, 56.3248

13.5924, 36.0503, 9.5147

133.5354, 52.9494, 60.1417

7.1871, 37.6292, 5.0310

148.0251, 53.9475,

0.0000, INF, NaN

63.8576

0.0000, NaN, NaN

163.0041, 54.8726, 67.4849

0.0000, NaN, NaN

57.9877, 45.1424, 35.1249

57.9877, 45.1424, 35.1249

54.9526, 52.3989, 34.5774

61.4796, 37.8983, 34.7502

54.2490, 54.1991, 34.3769

65.3908, 30.8939, 33.4138

69.6846, 24.2554, 31.1732

74.3221, 18.0525, 28.1198

79.2671, 12.3105, 24.3540

84.4865, 7.0255, 19.9719

89.9510, 2.1764, 15.0597

95.6353, -2.2677, 9.6914

99.9999, -5.3361, 5.4331

Harmonies

Analogous

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

57.9893, 76.2297, 23.6465

57.9877, 45.1424, 35.1249

57.9893, 5.5564, 37.9700

Triad

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

57.9893, 45.1377, 35.1256

57.9893, -57.4534, 10.6017

57.9893, 26.9387, -97.3745

Complementary

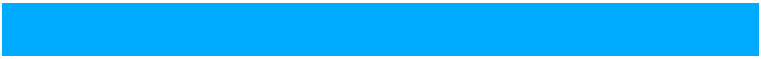
The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

57.9877, 45.1424, 35.1249

60.8518, -8.5260, -54.8315

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.



57.9893, -11.2715, -109.2548

57.9877, 45.1424, 35.1249

57.9893, -54.4072, -29.4420

Square

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

57.9893, 45.1377, 35.1256

57.9893, -49.0717, 30.5744

57.9893, -39.3900, -79.1499

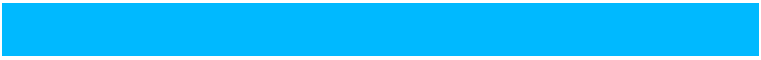
57.9893, 64.0434, -52.6622

Rectangle

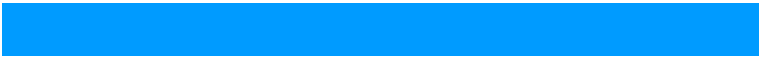
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

57.9877, 45.1424, 35.1249

57.9893, -18.0927, 37.7528



57.9893, -39.3900, -79.1499



57.9893, 13.5960, -106.1401

Sweetspot

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

57.9893, 45.1377, 35.1256

85.2646, 6.2961, 19.2907

50.3182, 86.9083, -14.1969

38.5916, 3.7262, 9.6692

0.0000, NaN, NaN

46.2646, -2.4686, 2.5136

Same Dimension

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

57.9893, 45.1377, 35.1256

54.2493, 54.1994, 34.3770

86.8093, -11.0694, 52.3643

43.6974, -0.6412, 5.0097

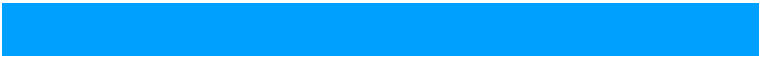
39.5467, 38.2818, 25.0387

13.1294, 9.9140, 8.2638

Inverse Universe

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

60.8518, -8.5260, -54.8315



56.9120, -3.5120, -63.5535

33.0811, 51.9340, -148.2667

43.9070, -3.8497, -0.3567

41.4972, -3.1281, -45.1151

13.7342, -2.2290, -12.3548

Previews

White Background

This preview shows how the HunterLab color 57.9877, 45.1424, 35.1249 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 57.9877, 45.1424, 35.1249 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 57.9877, 45.1424, 35.1249 Background

This preview shows how black text looks on a background with the HunterLab color 57.9877, 45.1424, 35.1249.

This preview shows how white text looks on a background with the HunterLab color 57.9877, 45.1424,

35.1249.

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

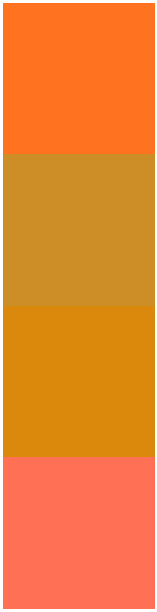
Original Color
57.9877, 45.1424, 35.1249

Protanopia
58.1878, -8.0586, 33.3852

Deuteranopia
57.9974, 4.0724, 35.8090

Tritanopia
58.0283, 52.1574, 19.7876

Trichromacy



Original Color
57.9877, 45.1424, 35.1249

Protanomaly
56.9839, 10.5913, 33.3015

Deuteranomaly
57.4264, 18.3209, 35.3475

Tritanomaly
57.8828, 48.8063, 27.7183

Monochromacy

Original Color
57.9877, 45.1424, 35.1249

Achromatopsia
54.0158, -2.8821, 2.9348

Achromatomaly
53.6535, 10.7823, 18.4812

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.9877, 45.1424, 35.1249 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(255, 115, 32) looks like.

```
.text, #text, p{
    color:rgb(255, 115, 32)
}
```

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(255, 115, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 57.9877, 45.1424, 35.1249 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(255, 115, 32) }
```

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

```
.border{ border-color:rgb(255, 115, 32) }
```

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

Here you see how a box with a 4 pixel rgb(255, 115, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 115, 32); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 115, 32); box-shadow:4px 4px 4px 4px rgb(255, 115, 32) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.9877, 45.1424, 35.1249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(255, 115, 32) }
```

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

```
.background{ background-color:rgb(255,
115, 32) }
```

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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