

Converting Colors

HunterLab(55.3756, 51.1851,
35.0182)

Have a look what the booklet for
HunterLab(55.3756, 51.1851,
35.0182) contains.

HunterLab(55.4642, 50.9514, 35.0688)	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(55.4642, 50.9514,
35.0688)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6600
RGB	255, 102, 0
RGB Percent	100%, 40%, 0%
CMY	0.0000, 0.6000, 1.0000
CMYK	0.00, 0.60, 1.00, 0.00
HSL	24°, 100%, 50%
HSV	24°, 100%, 100%
XYZ	45.9914, 30.7628, 3.5138
YIQ	136.1190, 123.9300, 0.7140

Conversions

Conversions Part 2

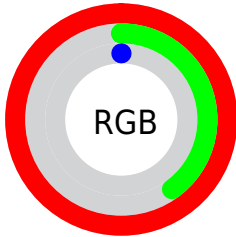
Format	Color
R_{YB}	255, 170, 0
Decimal	16737792
CIE _{Lab}	62.31, 55.00, 71.34
CIE _{LCh}	62, 90.080, 52.366
Yxy	30.7645, 0.5730, 0.3833
Android (android.graphics.Color)	4294927872 (0xFFFF6600)
YUV	136.1190, -67.1067, 104.2586
Hunter-Lab	55.4642, 50.9514, 35.0688

Details

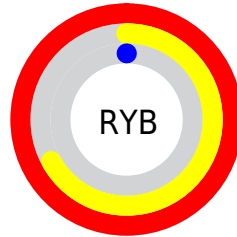
The HunterLab color **55.4642, 50.9514, 35.0688** is a dark color, and the websafe version is hex **FF6600**, and the color name is **orange**. The color can be described as dark saturated orange. A complement of this color would be **54.7729, 0.0907, -68.6568**, and the grayscale version is **49.8912, -2.6621, 2.7107**.

A 20% lighter version of the original color is **67.6693, 24.9194, 37.3421**, and **35.8105, 47.8575, 22.9041** is the 20% darker color. If you saturate the color by 10%, you get **55.4652, 50.9480, 35.0693**, and if you desaturate by 10%, it is **58.4183, 43.8783, 35.8025**.

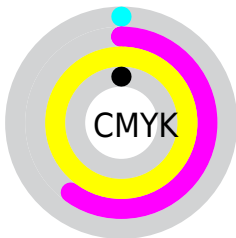
Distribution



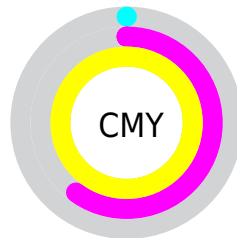
- Red (100%)
- Green (40%)
- Blue (0%)



- Red (100%)
- Yellow (67%)
- Blue (0%)



- Cyan (0%)
- Magenta (60%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.4642, 50.9514, 35.0688 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 55.4642, 50.9514, 35.0688 by changing the saturation by 10% instead.

 55.4642, 50.9514,
35.0688


 55.4642, 50.9514,
35.0688


174.7719, 63.3535,
73.9431


 45.1881, 49.0804,
29.8435


 78.0187, 54.3594,
44.8303


 35.6377, 47.1160,
24.7592


 90.2207, 55.9103,
49.4082


 26.8749, 45.0836,
18.8124


 102.9998, 57.3639,
53.8158

 18.9781, 43.0722,
13.2847

 116.3310, 58.7256,
58.0741

 12.0555, 41.3589,
8.4388

 130.1924, 60.0006,
62.2014


 5.0552, 55.6395,
3.5386

 144.5644, 61.1939,


0.0000, INF, NaN


66.2133


0.0000, NaN, NaN


 159.4295, 62.3101,
70.1233


0.0000, NaN, NaN


 55.4642, 50.9514,
35.0688


 55.4642, 50.9514,
35.0688


 55.4652, 50.9480,
35.0693

 58.4183, 43.8783,
35.8025

 61.7794, 36.8468,
35.7069

 65.5283, 30.0722,
34.6345

 69.6327, 23.6753,
32.6174

 74.0594, 17.7206,
29.7323

■ 78.7762, 12.2319,
26.0718

■ 83.7537, 7.2060,
21.7295

■ 88.9654, 2.6228,
16.7925

■ 94.3879, -1.5469,
11.3377

Harmonies

Analogous

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



55.4658, 85.3211, 23.9530



55.4642, 50.9514, 35.0688



55.4658, 7.4057, 37.4345

Triad

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



55.4658, 50.9465, 35.0695



55.4658, -59.6255, 11.7215



55.4658, 28.7159, -112.5637

Complementary

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



55.4642, 50.9514, 35.0688



54.7729, 0.0907, -68.6568

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.



55.4658, -12.6209, -125.3431



55.4642, 50.9514, 35.0688



55.4658, -56.8552, -31.7619

Square

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



55.4658, 50.9465, 35.0695



55.4658, -50.9055, 31.3744



55.4658, -41.8776, -89.0079



55.4658, 70.2001, -60.9942

Rectangle

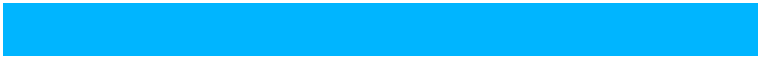
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.4642, 50.9514, 35.0688



55.4658, -18.1923, 37.3132



55.4658, -41.8776, -89.0079



55.4658, 14.1115, -122.5239

Sweetspot

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



55.4658, 50.9465, 35.0695



83.7529, 7.2071, 21.7306



48.5386, 87.8614, -5.3659



37.7631, 4.2891, 10.9364

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.4658, 50.9465, 35.0695



55.4654, 50.9482, 35.0695



88.0769, -13.4910, 54.0363



43.7945, -0.8062, 5.1152



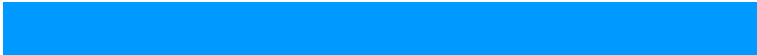
40.4322, 35.9415, 25.5433



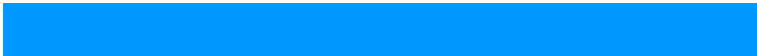
13.4109, 9.2280, 8.4253

Inverse Universe

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



54.7729, 0.0907, -68.6568



54.7724, 0.0917, -68.6588



28.1727, 67.3321, -180.5635



43.8072, -3.6870, -0.4777



39.9699, -0.5783, -48.7104



13.3022, -1.5485, -13.2839

Previews

White Background



This preview shows how the HunterLab color 55.4642, 50.9514, 35.0688 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 55.4642, 50.9514, 35.0688 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 55.4642, 50.9514, 35.0688 Background



This preview shows how black text looks on a background with the HunterLab color 55.4642, 50.9514, 35.0688.



This preview shows how white text looks on a background with the HunterLab color 55.4642, 50.9514,

35.0688.

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

55.4642, 50.9514, 35.0688

Protanopia

55.4522, -7.4902, 33.0549

Deuteranopia

55.4268, 3.8304, 34.2208



Tritanopia

55.4875, 57.1905, 21.4811

Trichromacy



Original Color

55.4642, 50.9514, 35.0688

Protanomaly

54.0648, 12.9146, 33.0029

Deuteranomaly

54.5293, 20.6205, 33.9617

Tritanomaly

55.2965, 53.9334, 29.4911

Monochromacy



Original Color

55.4642, 50.9514, 35.0688

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.6861, 11.9103, 20.0652

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.4642, 50.9514, 35.0688 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, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 0)  
}
```

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, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 55.4642, 50.9514, 35.0688 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, 102, 0) }
```


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

```
.border{ border-color:rgb(255, 102, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 102, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.4642, 50.9514, 35.0688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 0) }
```

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

```
.background{ background-color: rgb(255,  
102, 0) }
```

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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