

Converting Colors

HunterLab(55.1619, 51.7505,
34.8965)

Have a look what the booklet for
HunterLab(55.1619, 51.7505,
34.8965) contains.

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Color

**HunterLab(55.1129, 51.8805,
34.8686)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6400
RGB	255, 100, 0
RGB Percent	100%, 39%, 0%
CMY	0.0000, 0.6078, 1.0000
CMYK	0.00, 0.61, 1.00, 0.00
HSL	24°, 100%, 50%
HSV	24°, 100%, 100%
XYZ	45.7971, 30.3743, 3.4490
YIQ	134.9450, 124.4800, 1.7600

Conversions

Conversions Part 2

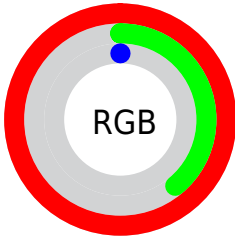
Format	Color
R _Y B	255, 165, 0
Decimal	16737280
CIE Lab	61.98, 55.88, 71.16
CIE LCh	62, 90.477, 51.859
Yxy	30.3761, 0.5752, 0.3815
Android (android.graphics.Color)	4294927360 (0xFFFF6400)
YUV	134.9450, -66.5279, 105.2882
Hunter-Lab	55.1129, 51.8805, 34.8686

Details

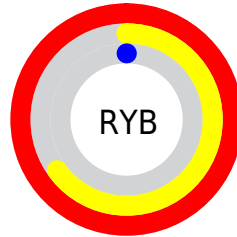
The HunterLab color **55.1129, 51.8805, 34.8686** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **55.3722, -0.9325, -67.1971**, and the grayscale version is **49.4227, -2.6371, 2.6852**.

A 20% lighter version of the original color is **67.1715, 25.9610, 37.0181**, and **35.5008, 48.8084, 22.7299** is the 20% darker color. If you saturate the color by 10%, you get **55.1139, 51.8769, 34.8691**, and if you desaturate by 10%, it is **58.0604, 44.7644, 35.5916**.

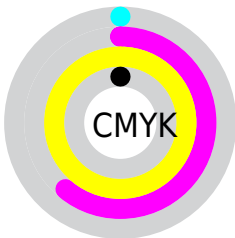
Distribution



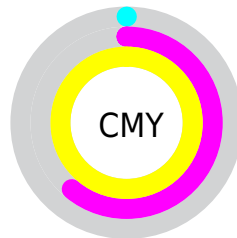
- Red (100%)
- Green (39%)
- Blue (0%)



- Red (100%)
- Yellow (65%)
- Blue (0%)



- Cyan (0%)
- Magenta (61%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (61%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.1129, 51.8805, 34.8686 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 55.1129, 51.8805, 34.8686 by changing the saturation by 10% instead.

55.1129, 51.8805,
34.8686

55.1129, 51.8805,
34.8686

174.2566, 64.5600,
73.7006

44.8600, 49.9792,
29.6462

77.6250, 55.3519,
44.6229

35.3346, 47.9878,
24.5917

89.8074, 56.9348,
49.1964

26.5991, 45.9352,
18.6194

102.5678, 58.4200,
53.5994

18.7327, 43.9198,
13.1129

115.8811, 59.8128,
57.8527

11.8447, 42.2452,
8.2913

129.7253, 61.1184,
61.9749


4.6787, 60.6267,
3.2751

144.0807, 62.3418,


0.0000, INF, NaN


65.9815


0.0000, NaN, NaN


 158.9298, 63.4876,
69.8862


0.0000, NaN, NaN


 55.1129, 51.8805,
34.8686


 55.1129, 51.8805,
34.8686


 55.1139, 51.8769,
34.8691

 58.0604, 44.7644,
35.5916

 61.4278, 37.6624,
35.4873

 65.1945, 30.7998,
34.4095

 69.3270, 24.3052,
32.3929

 73.7902, 18.2477,
29.5166

■ 78.5507, 12.6543,
25.8752

■ 83.5779, 7.5229,
21.5638

■ 88.8442, 2.8342,
16.6698

■ 94.3256, -1.4411,
11.2704

Harmonies

Analogous

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



55.1145, 86.1071, 23.6037



55.1129, 51.8805, 34.8686



55.1145, 8.1621, 37.2567

Triad

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



55.1145, 51.8755, 34.8693



55.1145, -59.5453, 12.2335



55.1145, 28.0837, -113.9778

Complementary

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



55.1129, 51.8805, 34.8686



55.3722, -0.9325, -67.1971

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.



55.1145, -13.2344, -126.0010



55.1129, 51.8805, 34.8686



55.1145, -56.9761, -31.0065

Square

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



55.1145, 51.8755, 34.8693



55.1145, -50.6476, 31.4797



55.1145, -42.2564, -88.6750



55.1145, 69.9078, -62.3570

Rectangle

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



55.1129, 51.8805, 34.8686



55.1145, -17.6195, 37.1644



55.1145, -42.2564, -88.6750



55.1145, 13.4490, -123.7643

Sweetspot

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



55.1145, 51.8755, 34.8693



83.5772, 7.5239, 21.5648



48.6856, 88.3925, -7.4361



37.6718, 4.4562, 10.8529

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.1145, 51.8755, 34.8693



55.1142, 51.8772, 34.8693



86.7441, -11.3950, 53.2517



43.7670, -0.7596, 5.0855



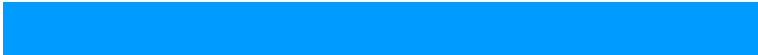
40.1767, 36.6095, 25.3976



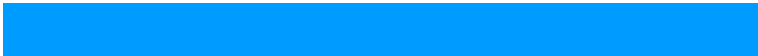
13.3303, 9.4226, 8.3790

Inverse Universe

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



55.3722, -0.9325, -67.1971



55.3718, -0.9316, -67.1989



28.5239, 65.9044, -177.9205



43.8353, -3.7329, -0.4435



40.3979, -1.3023, -47.6826



13.4234, -1.7415, -13.0188

Previews

White Background



This preview shows how the HunterLab color 55.1129, 51.8805, 34.8686 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 55.1129, 51.8805, 34.8686 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 55.1129, 51.8805, 34.8686 Background



This preview shows how black text looks on a background with the HunterLab color 55.1129, 51.8805, 34.8686.



This preview shows how white text looks on a background with the HunterLab color 55.1129, 51.8805,

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

55.1129, 51.8805, 34.8686

Protanopia

55.3520, -7.8473, 32.9851

Deuteranopia

55.3101, 3.4384, 34.1420



Tritanopia

55.1040, 57.8652, 21.9954

Trichromacy



Original Color

55.1129, 51.8805, 34.8686

Protanomaly

53.6836, 13.0009, 32.7658

Deuteranomaly

54.2908, 21.1211, 33.8235

Tritanomaly

54.9359, 54.7572, 29.5749

Monochromacy



Original Color

55.1129, 51.8805, 34.8686

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.1677, 12.8118, 19.9046

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.1129, 51.8805, 34.8686 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, 100, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 100, 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, 100, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 100, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 55.1129, 51.8805, 34.8686 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, 100, 0) }
```


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

```
.border{ border-color:rgb(255, 100, 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, 100, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 100, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 100, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 100,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.1129, 51.8805, 34.8686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 100, 0) }
```

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

```
.background{ background-color: rgb(255,  
100, 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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