

Converting Colors

HunterLab(55.3408, 51.2770,
34.9984)

Have a look what the booklet for
HunterLab(55.3408, 51.2770,
34.9984) contains.

HunterLab(55.2878, 51.4171, 34.9682)	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(55.2878, 51.4171,
34.9682)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6500
RGB	255, 101, 0
RGB Percent	100%, 40%, 0%
CMY	0.0000, 0.6039, 1.0000
CMYK	0.00, 0.60, 1.00, 0.00
HSL	24°, 100%, 50%
HSV	24°, 100%, 100%
XYZ	45.8938, 30.5674, 3.4813
YIQ	135.5320, 124.2050, 1.2370

Conversions

Conversions Part 2

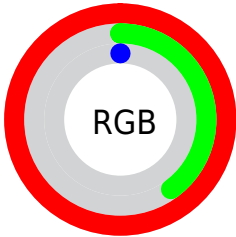
Format	Color
R _Y B	255, 167, 0
Decimal	16737536
CIE Lab	62.14, 55.44, 71.25
CIE LCh	62, 90.278, 52.111
Yxy	30.5692, 0.5741, 0.3824
Android (android.graphics.Color)	4294927616 (0xFFFF6500)
YUV	135.5320, -66.8173, 104.7734
Hunter-Lab	55.2878, 51.4171, 34.9682

Details

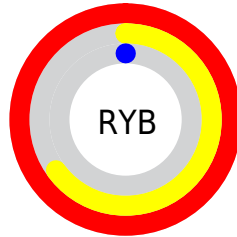
The HunterLab color **55.2878, 51.4171, 34.9682** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **55.0727, -0.4225, -67.9236**, and the grayscale version is **49.6570, -2.6496, 2.6980**.

A 20% lighter version of the original color is **67.4198, 25.4402, 37.1798**, and **35.7051, 48.1799, 22.8448** is the 20% darker color. If you saturate the color by 10%, you get **55.2886, 51.4141, 34.9687**, and if you desaturate by 10%, it is **58.2388, 44.3219, 35.6967**.

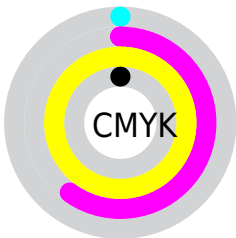
Distribution



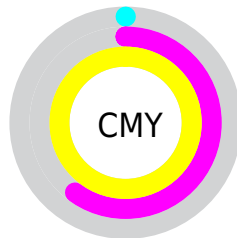
- Red (100%)
- Green (40%)
- Blue (0%)



- Red (100%)
- Yellow (65%)
- 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 55.2878, 51.4171, 34.9682 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 55.2878, 51.4171, 34.9682 by changing the saturation by 10% instead.


 55.2878, 51.4171,
34.9682


 55.2878, 51.4171,
34.9682


174.5132, 63.9585,
73.8210

 45.0233, 49.5308,
29.7444


 77.8210, 54.8570,
44.7260


 35.4855, 47.5528,
24.6749


 90.0132, 56.4239,
49.3017


 26.7364, 45.5101,
18.7155


 102.7829, 57.8934,
53.7070

 18.8548, 43.4964,
13.1984

 116.1052, 59.2707,
57.9628

 11.9495, 41.8018,
8.3647

 129.9579, 60.5611,
62.0874

 4.8699, 58.0013,
3.4089

 144.3216, 61.7695,

0.0000, INF, NaN

66.0966

0.0000, NaN, NaN

159.1787, 62.9006,
70.0040

0.0000, NaN, NaN

55.2878, 51.4171,
34.9682

55.2878, 51.4171,
34.9682

55.2886, 51.4141,
34.9687

58.2388, 44.3219,
35.6967

61.6033, 37.2548,
35.5967

65.3613, 30.4360,
34.5216

69.4798, 23.9902,
32.5048

73.9249, 17.9840,
29.6241

■ 78.6637, 12.4429,
25.9731

■ 83.6661, 7.3643,
21.6462

■ 88.9052, 2.7283,
16.7307

■ 94.3572, -1.4942,
11.3036

Harmonies

Analogous

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



55.2894, 85.7147, 23.7776



55.2878, 51.4171, 34.9682



55.2894, 7.7853, 37.3454

Triad

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



55.2894, 51.4122, 34.9689



55.2894, -59.5852, 11.9799



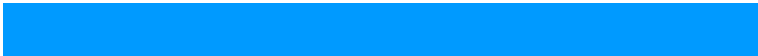
55.2894, 28.3979, -113.2708

Complementary

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



55.2878, 51.4171, 34.9682



55.0727, -0.4225, -67.9236

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.



55.2894, -12.9296, -125.6716



55.2878, 51.4171, 34.9682



55.2894, -56.9163, -31.3817

Square

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



55.2894, 51.4122, 34.9689



55.2894, -50.7757, 31.4284



55.2894, -42.0685, -88.8398



55.2894, 70.0527, -61.6760

Rectangle

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



55.2878, 51.4171, 34.9682



55.2894, -17.9046, 37.2389



55.2894, -42.0685, -88.8398



55.2894, 13.7782, -123.1441

Sweetspot

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



55.2894, 51.4122, 34.9689



83.6649, 7.3657, 21.6476



48.6857, 88.3925, -7.4364



37.7174, 4.3727, 10.8946

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.2894, 51.4122, 34.9689



55.2888, 51.4143, 34.9688



86.7443, -11.3951, 53.2518



43.7807, -0.7829, 5.1003



40.3037, 36.2766, 25.4701



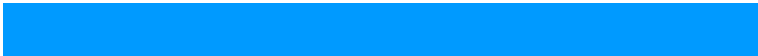
13.3704, 9.3256, 8.4021

Inverse Universe

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



55.0727, -0.4225, -67.9236



55.0720, -0.4211, -67.9261



28.5241, 65.9039, -177.9193



43.8213, -3.7100, -0.4606



40.1838, -0.9412, -48.1946



13.3628, -1.6452, -13.1509

Previews

White Background



This preview shows how the HunterLab color 55.2878, 51.4171, 34.9682 looks on a white background.

Color Contrast Check

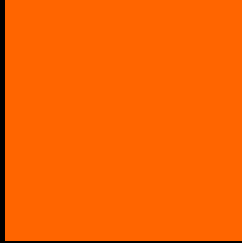
Large Text (above 18pt) WCAG AA × Fail

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 55.2878, 51.4171, 34.9682 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 55.2878, 51.4171, 34.9682 Background



This preview shows how black text looks on a background with the HunterLab color 55.2878, 51.4171, 34.9682.



This preview shows how white text looks on a background with the HunterLab color 55.2878, 51.4171,

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

55.2878, 51.4171, 34.9682

Protanopia

55.4522, -7.4902, 33.0549

Deuteranopia

55.3101, 3.4384, 34.1420



Tritanopia

55.3038, 57.5673, 21.6093

Trichromacy



Original Color

55.2878, 51.4171, 34.9682

Protanomaly

54.0648, 12.9146, 33.0029

Deuteranomaly

54.5293, 20.6205, 33.9617

Tritanomaly

55.1154, 54.3461, 29.5334

Monochromacy



Original Color

55.2878, 51.4171, 34.9682

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.4345, 12.4036, 19.8640

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.2878, 51.4171, 34.9682 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, 101, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 101, 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, 101, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 101, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 55.2878, 51.4171, 34.9682 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, 101, 0) }
```


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

```
.border{ border-color:rgb(255, 101, 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, 101, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 101, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 101, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 101,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.2878, 51.4171, 34.9682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 101, 0) }
```

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

```
.background{ background-color: rgb(255,  
101, 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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