

Converting Colors

HunterLab(55.5296, 51.5985,
33.3378)

Have a look what the booklet for
HunterLab(55.5296, 51.5985,
33.3378) contains.

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Color

**HunterLab(55.5789, 51.4679,
33.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6624
RGB	255, 102, 36
RGB Percent	100%, 40%, 14%
CMY	0.0000, 0.6000, 0.8588
CMYK	0.00, 0.60, 0.86, 0.00
HSL	18°, 100%, 57%
HSV	18°, 86%, 100%
XYZ	46.3098, 30.8901, 5.1906
YIQ	140.2230, 112.3740, 11.9100

Conversions

Conversions Part 2

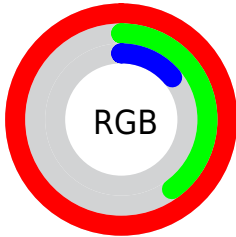
Format	Color
R_{YB}	255, 130, 36
Decimal	16737828
CIE _{Lab}	62.42, 55.44, 62.68
CIE _{LCh}	62, 83.682, 48.505
Yxy	30.8919, 0.5621, 0.3749
Android (android.graphics.Color)	4294927908 (0xFFFF6624)
YUV	140.2230, -51.3819, 100.6594
Hunter-Lab	55.5789, 51.4679, 33.3680

Details

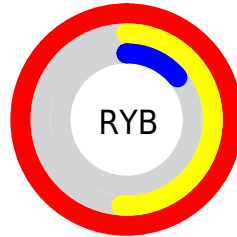
The HunterLab color **55.5789, 51.4679, 33.3680** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **66.3224, -16.5543, -43.9978**, and the grayscale version is **51.4682, -2.7462, 2.7964**.

A 20% lighter version of the original color is **67.8812, 25.9893, 34.2190**, and **35.8105, 47.8575, 22.9041** is the 20% darker color. If you saturate the color by 10%, you get **52.5870, 58.9639, 33.0960**, and if you desaturate by 10%, it is **59.1547, 43.7063, 32.7196**.

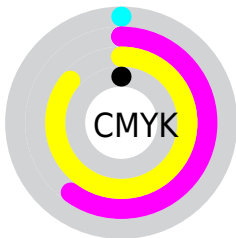
Distribution



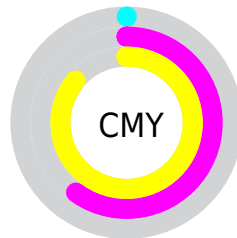
- Red (100%)
- Green (40%)
- Blue (14%)



- Red (100%)
- Yellow (51%)
- Blue (14%)



- Cyan (0%)
- Magenta (60%)
- Yellow (86%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.5789, 51.4679, 33.3680 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 55.5789, 51.4679, 33.3680 by changing the saturation by 10% instead.


 55.5789, 51.4679,
33.3680


 55.5789, 51.4679,
33.3680


174.9400, 63.9875,
68.0060


 45.2952, 49.5845,
28.6971


 78.1472, 54.9021,
42.0517


 35.7367, 47.6089,
23.8033


 90.3555, 56.4663,
46.1197


 26.9650, 45.5671,
18.8755


 103.1407, 57.9332,
50.0386

 19.0584, 43.5502,
13.3409

 116.4778, 59.3081,
53.8288

 12.1245, 41.8389,
8.4872

 130.3448, 60.5962,
57.5073

 5.1720, 55.2634,
3.6204

 144.7223, 61.8025,

0.0000, INF, NaN

61.0886

0.0000, NaN, NaN

159.5926, 62.9315,
64.5847

0.0000, NaN, NaN

■ 55.5789, 51.4679,
33.3680

■ 55.5789, 51.4679,
33.3680

■ 52.5870, 58.9639,
33.0960

■ 59.1547, 43.7063,
32.7196

■ 51.5247, 61.8609,
32.8322

■ 63.2623, 36.0040,
31.1612

■ 67.8486, 28.5642,
28.7841

■ 72.8588, 21.5072,
25.7044

■ 78.2424, 14.8872,
22.0371

83.9541, 8.7145,
17.8837

89.9550, 2.9731,
13.3289

96.2118, -2.3674,
8.4411

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



55.5805, 80.2615, 20.2897



55.5789, 51.4679, 33.3680



55.5805, 11.6881, 36.7207

Triad

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



55.5805, 51.4630, 33.3687



55.5805, -56.2972, 14.7319



55.5805, 21.0537, -104.4936

Complementary

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



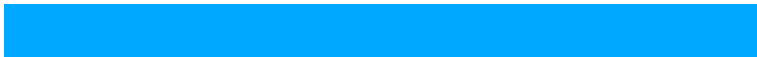
55.5789, 51.4679, 33.3680



66.3224, -16.5543, -43.9978

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.



55.5805, -16.2482, -109.8700



55.5789, 51.4679, 33.3680



55.5805, -55.0124, -22.5474

Square

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



55.5805, 51.4630, 33.3687



55.5805, -46.3016, 31.5403



55.5805, -42.1767, -73.5889



55.5805, 59.8208, -61.6937

Rectangle

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



55.5789, 51.4679, 33.3680



55.5805, -12.9528, 36.8128



55.5805, -42.1767, -73.5889



55.5805, 7.7742, -111.4330

Sweetspot

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



55.5805, 51.4630, 33.3687



83.8849, 8.7852, 17.9355



51.1946, 88.5396, -22.8592



37.8782, 5.0313, 8.9855

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.5805, 51.4630, 33.3687



51.5248, 61.8611, 32.8324



82.5076, -3.9768, 49.5717



43.4506, -0.2205, 4.7406



37.5489, 43.8359, 23.9049



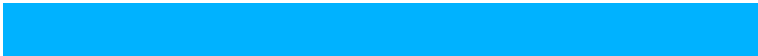
12.4687, 11.6025, 7.8863

Inverse Universe

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



66.3224, -16.5543, -43.9978



62.5434, -12.4190, -51.3649



36.4738, 42.0346, -130.5778



44.1619, -4.2634, -0.0490



45.5126, -9.4348, -36.5198



14.8621, -3.9208, -10.1125

Previews

White Background



This preview shows how the HunterLab color 55.5789, 51.4679, 33.3680 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 55.5789, 51.4679, 33.3680 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 55.5789, 51.4679, 33.3680 Background



This preview shows how black text looks on a background with the HunterLab color 55.5789, 51.4679, 33.3680.



This preview shows how white text looks on a background with the HunterLab color 55.5789, 51.4679, 33.3680.

33.3680.

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

55.5789, 51.4679, 33.3680

Protanopia

55.7792, -7.5471, 31.1502

Deuteranopia

55.4406, 3.9045, 34.0156



Tritanopia

55.6549, 56.7320, 21.6174

Trichromacy



Original Color

55.5789, 51.4679, 33.3680

Protanomaly

54.3244, 12.7042, 31.0962

Deuteranomaly

54.5694, 20.8224, 33.3681

Tritanomaly

55.4511, 54.6204, 27.2157

Monochromacy



Original Color

55.5789, 51.4679, 33.3680

Achromatopsia

51.2104, -2.7325, 2.7824

Achromatomaly

50.8194, 13.4555, 16.8846

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.5789, 51.4679, 33.3680 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, 36)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 36)  
}
```

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, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 55.5789, 51.4679, 33.3680 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, 36) }
```


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

```
.border{ border-color:rgb(255, 102, 36) }
```

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, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 36);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
36) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.5789, 51.4679, 33.3680 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, 36) }
```

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

```
.background{ background-color: rgb(255,  
102, 36) }
```

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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