

Converting Colors

HunterLab(55.2571, 50.0578,
34.2401)

Have a look what the booklet for
HunterLab(55.2571, 50.0578,
34.2401) contains.

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Color

**HunterLab(55.3477, 49.8323,
34.2684)**

Conversions

Conversions Part 1

Format	Color
Hex	FD6714
RGB	253, 103, 20
RGB Percent	99%, 40%, 8%
CMY	0.0078, 0.5960, 0.9216
CMYK	0.00, 0.59, 0.92, 0.01
HSL	21°, 98%, 54%
HSV	21°, 92%, 99%
XYZ	45.4846, 30.6337, 4.1774
YIQ	138.3880, 116.0430, 5.9870

Conversions

Conversions Part 2

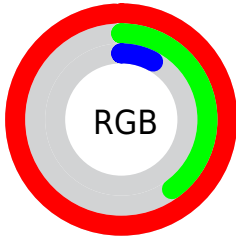
Format	Color
R _Y B	253, 149, 20
Decimal	16606996
CIE Lab	62.20, 54.03, 67.37
CIE LCh	62, 86.358, 51.270
Yxy	30.6354, 0.5665, 0.3815
Android (android.graphics.Color)	4294797076 (0xFFFD6714)
YUV	138.3880, -58.3653, 100.5147
Hunter-Lab	55.3477, 49.8323, 34.2684

Details

The HunterLab color **55.3477, 49.8323, 34.2684** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **59.9899, -8.6007, -55.0287**, and the grayscale version is **50.7623, -2.7085, 2.7580**.

A 20% lighter version of the original color is **68.0070, 24.8397, 36.2192**, and **35.6713, 46.4406, 22.7935** is the 20% darker color. If you saturate the color by 10%, you get **53.1197, 55.4832, 33.7035**, and if you desaturate by 10%, it is **58.5992, 42.5058, 34.3096**.

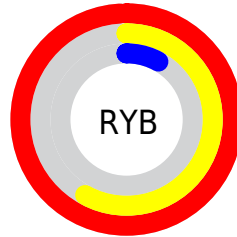
Distribution



Red (99%)

Green (40%)

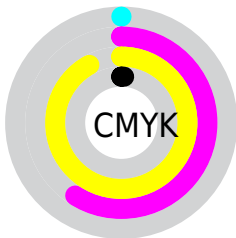
Blue (8%)



Red (99%)

Yellow (58%)

Blue (8%)

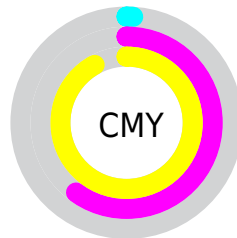


Cyan (0%)

Magenta (59%)

Yellow (92%)

Black (1%)



Cyan (1%)

Magenta (60%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.3477, 49.8323, 34.2684 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 55.3477, 49.8323, 34.2684 by changing the saturation by 10% instead.


 55.3477, 49.8323,
34.2684


 55.3477, 49.8323,
34.2684


174.6010, 61.9617,
71.2225


 45.0793, 47.9905,
29.2887


 77.8881, 53.1790,
43.5464


 35.5371, 46.0529,
24.2475


 90.0836, 54.6989,
47.8938


 26.7834, 44.0422,
18.7484


 102.8565, 56.1215,
52.0799

 18.8967, 42.0425,
13.2277

 116.1818, 57.4525,
56.1254

 11.9855, 40.3181,
8.3898

 130.0376, 58.6972,
60.0483

 4.9336, 55.3223,
3.4535

 144.4041, 59.8606,

0.0000, INF, NaN

63.8638

0.0000, NaN, NaN

159.2639, 60.9474,
67.5848

0.0000, NaN, NaN

55.3477, 49.8323,
34.2684

55.3477, 49.8323,
34.2684

53.1197, 55.4832,
33.7035

58.5992, 42.5058,
34.3096

62.3085, 35.2818,
33.4025

66.4376, 28.3389,
31.5794

70.9444, 21.7860,
28.9245

75.7886, 15.6748,
25.5395

80.9328, 10.0183,
21.5254

86.3440, 4.8041,
16.9736

91.9935, 0.0060,
11.9631

97.8562, -4.4092,
6.5600

Harmonies

Analogous

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



55.3493, 81.6415, 22.5809



55.3477, 49.8323, 34.2684



55.3493, 8.4307, 36.9796

Triad

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



55.3493, 49.8275, 34.2691



55.3493, -57.7561, 12.4540



55.3493, 25.7355, -106.7601

Complementary

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



55.3477, 49.8323, 34.2684



59.9899, -8.6007, -55.0287

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.



55.3493, -13.4912, -116.8839



55.3477, 49.8323, 34.2684



55.3493, -55.4363, -28.1297

Square

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



55.3493, 49.8275, 34.2691



55.3493, -48.7579, 31.0551



55.3493, -41.2625, -81.7696



55.3493, 65.3525, -59.4596

Rectangle

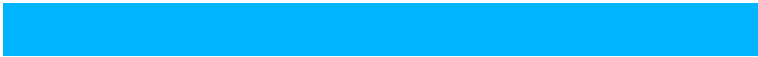
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.3477, 49.8323, 34.2684



55.3493, -16.3672, 36.9076



55.3493, -41.2625, -81.7696



55.3493, 11.8671, -115.4790

Sweetspot

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



55.3493, 49.8275, 34.2691



83.8587, 7.9085, 19.9053



49.3361, 87.8769, -14.6337



37.7220, 4.7364, 10.0955

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.3493, 49.8275, 34.2691



53.5869, 56.0122, 34.0006



84.3219, -8.4447, 51.3454



43.6416, -0.5464, 4.9490



39.0630, 39.5904, 24.7635



12.9731, 10.3031, 8.1743

Inverse Universe

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



59.9899, -8.6007, -55.0287



58.1607, -5.5552, -60.7037



31.5730, 54.3249, -154.1000



43.9645, -3.9431, -0.2872



42.3881, -4.5742, -43.1070



13.9853, -2.6158, -11.8337

Previews

White Background



This preview shows how the HunterLab color 55.3477, 49.8323, 34.2684 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 55.3477, 49.8323, 34.2684 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 55.3477, 49.8323, 34.2684 Background



This preview shows how black text looks on a background with the HunterLab color 55.3477, 49.8323, 34.2684.



This preview shows how white text looks on a background with the HunterLab color 55.3477, 49.8323,

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

55.3477, 49.8323, 34.2684

Protanopia

55.4879, -7.2917, 32.5263

Deuteranopia

55.3101, 3.4384, 34.1420



Tritanopia

55.3038, 57.5673, 21.6093

Trichromacy



Original Color

55.3477, 49.8323, 34.2684

Protanomaly

54.2341, 12.2352, 32.4320

Deuteranomaly

54.4057, 20.2716, 33.6604

Tritanomaly

55.1927, 53.8142, 28.3656

Monochromacy



Original Color

55.3477, 49.8323, 34.2684

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

50.1964, 12.5132, 18.3620

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.3477, 49.8323, 34.2684 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(253, 103, 20)` looks like.

```
.text, #text, p{  
    color:rgb(253, 103, 20)  
}
```

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(253, 103, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 103, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 55.3477, 49.8323, 34.2684 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(253, 103, 20) }
```


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

```
.border{ border-color:rgb(253, 103, 20) }
```

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

Here you see how a box with a 4 pixel rgb(253, 103, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 103, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 103, 20);  
box-shadow:4px 4px 4px 4px rgb(253, 103,  
20) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.3477, 49.8323, 34.2684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 103, 20) }
```

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

```
.background{ background-color: rgb(253,  
103, 20) }
```

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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