

Converting Colors

HunterLab(54.9680, 52.8951,
33.4284)

Have a look what the booklet for
HunterLab(54.9680, 52.8951,
33.4284) contains.

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Color

**HunterLab(55.0296, 52.7437,
33.4357)**

Conversions

Conversions Part 1

Format	Color
Hex	FF631F
RGB	255, 99, 31
RGB Percent	100%, 39%, 12%
CMY	0.0000, 0.6117, 0.8784
CMYK	0.00, 0.61, 0.88, 0.00
HSL	18°, 100%, 56%
HSV	18°, 88%, 100%
XYZ	45.9491, 30.2826, 4.7196
YIQ	137.8920, 114.8040, 11.9240

Conversions

Conversions Part 2

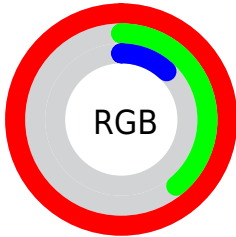
Format	Color
R_{YB}	255, 129, 31
Decimal	16737055
CIE Lab	61.90, 56.65, 64.05
CIE LCh	62, 85.508, 48.509
Yxy	30.2843, 0.5676, 0.3741
Android (android.graphics.Color)	4294927135 (0xFFFF631F)
YUV	137.8920, -52.6978, 102.7037
Hunter-Lab	55.0296, 52.7437, 33.4357

Details

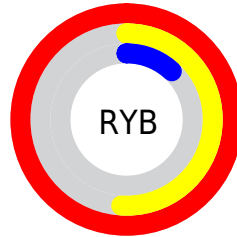
The HunterLab color **55.0296, 52.7437, 33.4357** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **65.6111, -15.8356, -45.3402**, and the grayscale version is **50.5432, -2.6969, 2.7461**.

A 20% lighter version of the original color is **67.3370, 26.7944, 34.5767**, and **35.4020, 49.1143, 22.6744** is the 20% darker color. If you saturate the color by 10%, you get **52.1481, 60.1408, 33.0067**, and if you desaturate by 10%, it is **58.4968, 45.0155, 32.9759**.

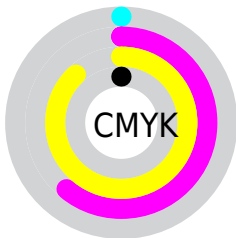
Distribution



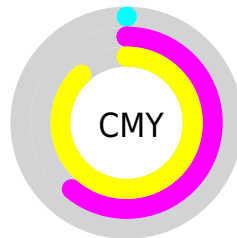
- Red (100%)
- Green (39%)
- Blue (12%)



- Red (100%)
- Yellow (51%)
- Blue (12%)



- Cyan (0%)
- Magenta (61%)
- Yellow (88%)
- Black (0%)





- Cyan (0%)
- Magenta (61%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.0296, 52.7437, 33.4357 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 55.0296, 52.7437, 33.4357 by changing the saturation by 10% instead.


 55.0296, 52.7437,
33.4357


 55.0296, 52.7437,
33.4357


174.1343, 65.6498,
68.8052


 44.7822, 50.8184,
28.6624


 77.5316, 56.2662,
42.3125

 35.2628, 48.8055,
23.7214


 89.7094, 57.8749,
46.4698


 26.5338, 46.7366,
18.5737


 102.4653, 59.3859,
50.4732

 18.6746, 44.7164,
13.0722

 115.7744, 60.8042,
54.3436

 11.7948, 43.0655,
8.2564

 129.6145, 62.1350,
58.0983

 4.5848, 62.8871,
3.2094

 143.9660, 63.3832,

0.0000, INF, NaN

61.7521

0.0000, NaN, NaN

158.8112, 64.5534,
65.3175

0.0000, NaN, NaN

■ 55.0296, 52.7437,
33.4357

■ 55.0296, 52.7437,
33.4357

■ 52.1481, 60.1408,
33.0067

■ 58.4968, 45.0155,
32.9759

■ 51.6010, 61.6385,
32.8754

■ 62.5019, 37.3030,
31.5937

■ 66.9930, 29.8252,
29.3695

■ 71.9154, 22.7152,
26.4165

■ 77.2182, 16.0369,
22.8507

82.8554, 9.8071,
18.7764

88.7874, 4.0130,
14.2816

94.9799, -1.3735,
9.4381

99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



55.0312, 82.3508, 20.4756



55.0296, 52.7437, 33.4357



55.0312, 12.0043, 36.6318

Triad

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



55.0312, 52.7388, 33.4364



55.0312, -56.8464, 14.8714



55.0312, 21.5842, -108.0133

Complementary

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



55.0296, 52.7437, 33.4357



65.6111, -15.8356, -45.3402

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.



55.0312, -16.4409, -113.6116



55.0296, 52.7437, 33.4357



55.0312, -55.5602, -23.1914

Square

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



55.0312, 52.7388, 33.4364



55.0312, -46.8254, 31.6542



55.0312, -42.6714, -75.9231



55.0312, 61.3312, -63.5855

Rectangle

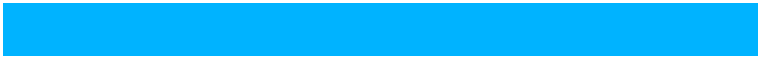
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.0296, 52.7437, 33.4357



55.0312, -13.1005, 36.7172



55.0312, -42.6714, -75.9231



55.0312, 8.0173, -115.2347

Sweetspot

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



55.0312, 52.7388, 33.4364



83.9276, 8.7076, 17.9777



50.8548, 89.2598, -22.4376



37.9002, 4.9907, 9.0067

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.0312, 52.7388, 33.4364



51.6012, 61.6388, 32.8755



82.1891, -3.5686, 49.6468



43.4583, -0.2336, 4.7490



37.6052, 43.6737, 23.9367



12.4879, 11.5516, 7.8972

Inverse Universe

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



65.6111, -15.8356, -45.3402



62.3647, -12.1477, -51.7271



35.5708, 44.0645, -135.0021



44.1540, -4.2505, -0.0586



45.3853, -9.2426, -36.7755



14.8265, -3.8691, -10.1796

Previews

White Background



This preview shows how the HunterLab color 55.0296, 52.7437, 33.4357 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 55.0296, 52.7437, 33.4357 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 55.0296, 52.7437, 33.4357 Background



This preview shows how black text looks on a background with the HunterLab color 55.0296, 52.7437, 33.4357.



This preview shows how white text looks on a background with the HunterLab color 55.0296, 52.7437,

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

55.0296, 52.7437, 33.4357

Protanopia

55.0630, -7.1819, 31.2381

Deuteranopia

54.9225, 3.5293, 33.9048



Tritanopia

55.1040, 57.8652, 21.9954

Trichromacy



Original Color

55.0296, 52.7437, 33.4357

Protanomaly

53.5336, 14.0223, 31.1068

Deuteranomaly

53.9370, 21.3135, 33.2608

Tritanomaly

54.8942, 55.7668, 27.6122

Monochromacy



Original Color

55.0296, 52.7437, 33.4357

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

50.1397, 13.7734, 17.1784

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.0296, 52.7437, 33.4357 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, 99, 31)` looks like.

```
.text, #text, p{  
    color:rgb(255, 99, 31)  
}
```

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, 99, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 99, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 55.0296, 52.7437, 33.4357 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, 99, 31) }
```


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

```
.border{ border-color:rgb(255, 99, 31) }
```

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

Here you see how a box with a 4 pixel rgb(255, 99, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 99, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 99, 31);  
box-shadow:4px 4px 4px 4px rgb(255, 99,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.0296, 52.7437, 33.4357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 99, 31) }
```

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

```
.background{ background-color: rgb(255, 99,  
31) }
```

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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