

Converting Colors

HunterLab(55.2947, 52.9419,
31.6409)

Have a look what the booklet for
HunterLab(55.2947, 52.9419,
31.6409) contains.

HunterLab(55.3293, 52.8493, 31.6627)	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(55.3293, 52.8493,
31.6627)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6433
RGB	255, 100, 51
RGB Percent	100%, 39%, 20%
CMY	0.0000, 0.6078, 0.8000
CMYK	0.00, 0.61, 0.80, 0.00
HSL	14°, 100%, 60%
HSV	14°, 80%, 100%
XYZ	46.3946, 30.6133, 6.5957
YIQ	140.7590, 108.1090, 17.6210

Conversions

Conversions Part 2

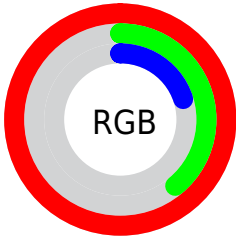
Format	Color
R_{YB}	255, 115, 51
Decimal	16737331
CIE Lab	62.18, 56.70, 56.25
CIE LCh	62, 79.863, 44.772
Yxy	30.6151, 0.5549, 0.3662
Android (android.graphics.Color)	4294927411 (0xFFFF6433)
YUV	140.7590, -44.2512, 100.1894
Hunter-Lab	55.3293, 52.8493, 31.6627

Details

The HunterLab color **55.3293, 52.8493, 31.6627** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **72.1540, -23.6426, -33.6928**, and the grayscale version is **51.6559, -2.7562, 2.8066**.

A 20% lighter version of the original color is **67.8060, 27.3845, 31.4955**, and **35.5008, 48.8084, 22.7299** is the 20% darker color. If you saturate the color by 10%, you get **52.1182, 60.6398, 32.0978**, and if you desaturate by 10%, it is **59.2231, 44.6624, 30.3378**.

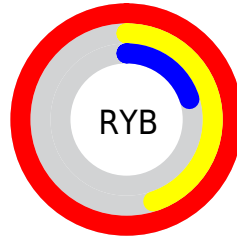
Distribution



Red (100%)

Green (39%)

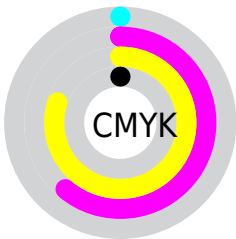
Blue (20%)



Red (100%)

Yellow (45%)

Blue (20%)

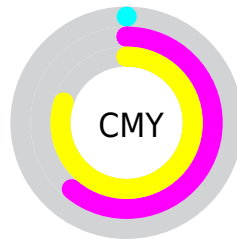


Cyan (0%)

Magenta (61%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (61%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.3293, 52.8493, 31.6627 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 55.3293, 52.8493, 31.6627 by changing the saturation by 10% instead.


 55.3293, 52.8493,
31.6627


 55.3293, 52.8493,
31.6627


174.5741, 65.7458,
63.1862


 45.0621, 50.9255,
27.4170


 77.8675, 56.3689,
39.5416


 35.5213, 48.9136,
22.9210

 90.0620, 57.9763,
43.2339


 26.7689, 46.8444,
18.7383


 102.8339, 59.4860,
46.7943

 18.8838, 44.8198,
13.2187

 116.1583, 60.9033,
50.2420

 11.9744, 43.1505,
8.3821

 130.0131, 62.2332,
53.5930

 4.9141, 59.4520,
3.4399

 144.3787, 63.4806,

0.0000, INF, NaN

56.8604

0.0000, NaN, NaN

159.2377, 64.6501,
60.0550

0.0000, NaN, NaN

■ 55.3293, 52.8493,
31.6627

■ 55.3293, 52.8493,
31.6627

■ 52.1182, 60.6398,
32.0978

■ 59.2231, 44.6624,
30.3378

■ 49.6239, 67.5523,
31.7606

■ 63.7293, 36.4613,
28.2129

■ 49.6238, 67.5528,
31.7606

■ 68.7777, 28.4867,
25.4223

■ 74.2994, 20.8774,
22.0990

■ 80.2321, 13.6937,
18.3575

86.5222, 6.9453,
14.2891

93.1242, 0.6133,
9.9635

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.



55.3309, 77.4991, 16.8775



55.3293, 52.8493, 31.6627



55.3309, 15.6893, 35.9247

Triad

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



55.3309, 52.8444, 31.6635



55.3309, -53.7500, 17.2276



55.3309, 15.1108, -100.2664

Complementary

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



55.3293, 52.8493, 31.6627



72.1540, -23.6426, -33.6928

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.



55.3309, -19.4173, -99.9428



55.3293, 52.8493, 31.6627



55.3309, -53.8318, -15.7447

Square

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



55.3309, 52.8444, 31.6635



55.3309, -42.5514, 31.7842



55.3309, -42.8118, -62.9563



55.3309, 52.3320, -63.6763

Rectangle

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



55.3293, 52.8493, 31.6627



55.3309, -8.3986, 36.2774



55.3309, -42.8118, -62.9563



55.3309, 2.7070, -104.9653

Sweetspot

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



55.3309, 52.8444, 31.6635



83.9662, 9.5937, 15.9512



53.0586, 87.9227, -32.0172



37.8138, 5.5564, 8.0471

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.3309, 52.8444, 31.6635



50.5370, 64.9389, 31.9339



79.4265, 1.7572, 46.6349



43.2382, 0.1435, 4.5080



36.1366, 48.0185, 23.1079



11.9677, 12.9654, 7.6014

Inverse Universe

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



72.1540, -23.6426, -33.6928



68.4479, -20.7900, -40.1364



42.5545, 28.3302, -105.0955



44.3828, -4.6200, 0.2162



49.1086, -14.6853, -29.6802



15.8649, -5.3385, -8.3056

Previews

White Background



This preview shows how the HunterLab color 55.3293, 52.8493, 31.6627 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 55.3293, 52.8493, 31.6627 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 55.3293, 52.8493, 31.6627 Background



This preview shows how black text looks on a background with the HunterLab color 55.3293, 52.8493, 31.6627.



This preview shows how white text looks on a background with the HunterLab color 55.3293, 52.8493,

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

55.3293, 52.8493, 31.6627

Protanopia

55.4350, -6.9897, 28.6876

Deuteranopia

55.3206, 3.7267, 32.1882



Tritanopia

55.3038, 57.5673, 21.6093

Trichromacy



Original Color

55.3293, 52.8493, 31.6627

Protanomaly

53.8246, 13.9857, 28.7023

Deuteranomaly

54.3133, 21.5104, 31.3492

Tritanomaly

55.1669, 55.7786, 26.1749

Monochromacy



Original Color

55.3293, 52.8493, 31.6627

Achromatopsia

51.6097, -2.7538, 2.8041

Achromatomaly

50.9407, 14.0806, 15.1232

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.3293, 52.8493, 31.6627 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, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 100, 51)  
}
```

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, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 100, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 55.3293, 52.8493, 31.6627 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, 51) }
```


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

```
.border{ border-color:rgb(255, 100, 51) }
```

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, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 100, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 100, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 100,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.3293, 52.8493, 31.6627 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, 51) }
```

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

```
.background{ background-color: rgb(255,  
100, 51) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor