

# Converting Colors

HunterLab(55.8080, 52.4001,  
30.1912)

Have a look what the booklet for  
HunterLab(55.8080, 52.4001,  
30.1912) contains.

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# Color

**HunterLab(55.7969, 52.4472,  
30.1458)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6640
RGB	255, 102, 64
RGB Percent	100%, 40%, 25%
CMY	0.0000, 0.6000, 0.7490
CMYK	0.00, 0.60, 0.75, 0.00
HSL	12°, 100%, 63%
HSV	12°, 75%, 100%
XYZ	46.9168, 31.1329, 8.3870
YIQ	143.4150, 103.3860, 20.6180

# Conversions

## Conversions Part 2

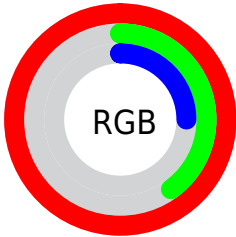
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 111, 64</a>
Decimal	<a href="#">16737856</a>
CIELab	<a href="#">62.62, 56.27, 50.46</a>
CIElCh	<a href="#">63, 75.580, 41.881</a>
Yxy	<a href="#">31.1347, 0.5428, 0.3602</a>
Android (android.graphics.Color)	<a href="#">4294927936</a> ( <a href="#">0xFFFF6640</a> )
YUV	<a href="#">143.4150, -39.1516, 97.8600</a>
Hunter-Lab	<a href="#">55.7969, 52.4472, 30.1458</a>

# Details

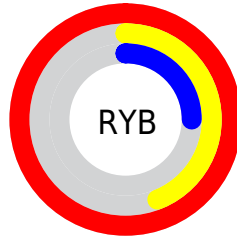
The HunterLab color **55.7969, 52.4472, 30.1458** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **76.1125, -27.7211, -27.2821**, and the grayscale version is **52.7005, -2.8120, 2.8633**.

A 20% lighter version of the original color is **68.5045, 27.3482, 28.9127**, and **35.9336, 48.7497, 22.2499** is the 20% darker color. If you saturate the color by 10%, you get **52.3213, 60.5405, 31.1736**, and if you desaturate by 10%, it is **60.0132, 43.9239, 28.3020**.

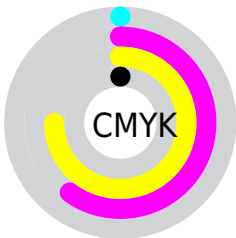
# Distribution



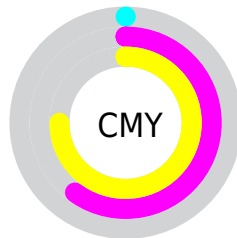
- Red (100%)
- Green (40%)
- Blue (25%)



- Red (100%)
- Yellow (44%)
- Blue (25%)



- Cyan (0%)
- Magenta (60%)
- Yellow (75%)
- Black (0%)




- Cyan (0%)
- Magenta (60%)
- Yellow (75%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.7969, 52.4472, 30.1458 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 55.7969, 52.4472, 30.1458 by changing the saturation by 10% instead.





 55.7969, 52.4472,  
30.1458


 55.7969, 52.4472,  
30.1458


175.2594, 65.1874,  
58.8152


 45.4988, 50.5407,  
26.3076


 78.3914, 55.9305,  
37.2717


 35.9248, 48.5440,  
22.2346


 90.6118, 57.5197,  
40.6176


 27.1363, 46.4849,  
18.1113


 103.4085, 59.0116,  
43.8498


 19.2111, 44.4579,  
13.4477

 116.7567, 60.4113,  
46.9856

 12.2559, 42.7507,  
8.5791

 130.6344, 61.7240,  
50.0394

 5.3869, 54.7043,  
3.7708

 145.0221, 62.9546,

0.0000, INF, NaN

53.0227

0.0000, NaN, NaN

159.9023, 64.1077,  
55.9453

0.0000, NaN, NaN

■ 55.7969, 52.4472,  
30.1458

■ 55.7969, 52.4472,  
30.1458

■ 52.3213, 60.5405,  
31.1736

■ 60.0132, 43.9239,  
28.3020

■ 49.6421, 67.7058,  
31.3197

■ 64.8852, 35.3796,  
25.7799

■ 48.5852, 70.7973,  
31.1774

■ 70.3308, 27.0656,  
22.7316

■ 76.2721, 19.1196,  
19.2889

■ 82.6405, 11.5969,  
15.5549

89.3778, 4.5012,  
11.6056

96.4357, -2.1916,  
7.4949

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.



55.7985, 73.5140, 14.0723



55.7969, 52.4472, 30.1458



55.7985, 18.1160, 35.3170

# Triad

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



55.7985, 52.4424, 30.1466



55.7985, -51.3203, 18.7143



55.7985, 10.6675, -93.9470

# Complementary

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



55.7969, 52.4472, 30.1458



76.1125, -27.7211, -27.2821

# 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.



55.7985, -21.3440, -89.9335



55.7969, 52.4472, 30.1458



55.7985, -52.4194, -10.8456

# Square

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



55.7985, 52.4424, 30.1466



55.7985, -39.2813, 31.8520



55.7985, -42.7415, -54.0161



55.7985, 45.9119, -63.0231



# Rectangle

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



55.7969, 52.4472, 30.1458



55.7985, -5.0437, 35.9328



55.7985, -42.7415, -54.0161



55.7985, -0.8864, -96.9756

# Sweetspot

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



55.7985, 52.4424, 30.1466



84.5598, 9.4950, 14.4285



54.8573, 86.1830, -37.8571



38.2910, 5.3012, 7.1626

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



55.7985, 52.4424, 30.1466



50.8532, 64.3456, 31.3564



77.7458, 5.3113, 44.3003



43.0955, 0.3893, 4.3509



35.3536, 50.4398, 22.6678



11.6684, 13.8178, 7.4319



# Inverse Universe

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



76.1125, -27.7211, -27.2821



72.9356, -26.4515, -32.4279



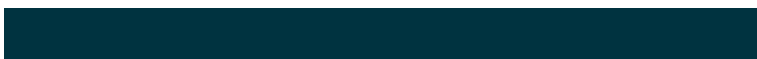
47.7985, 18.7986, -87.5700



44.5321, -4.8601, 0.3946



51.5925, -18.1356, -25.3366



16.5546, -6.2743, -7.1475



# Previews

## White Background



This preview shows how the HunterLab color 55.7969, 52.4472, 30.1458 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

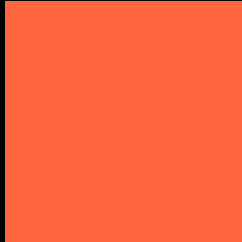
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 55.7969, 52.4472, 30.1458 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 55.7969, 52.4472, 30.1458 Background



This preview shows how black text looks on a background with the HunterLab color 55.7969, 52.4472, 30.1458.



This preview shows how white text looks on a background with the HunterLab color 55.7969, 52.4472,

30.1458.

# 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

55.7969, 52.4472, 30.1458

### Protanopia

55.8896, -6.5413, 26.4772

### Deuteranopia

55.8212, 4.2379, 30.7640



## Tritanopia

55.8419, 56.3509, 21.4906

# Trichromacy



## Original Color

55.7969, 52.4472, 30.1458

## Protanomaly

54.4855, 13.7914, 26.7653

## Deuteranomaly

55.0474, 21.5233, 29.9852

## Tritanomaly

55.7634, 54.7837, 25.2714

# Monochromacy



## Original Color

55.7969, 52.4472, 30.1458

## Achromatopsia

52.4097, -2.7964, 2.8475

## Achromatomaly

51.8108, 14.4918, 13.9616

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 55.7969, 52.4472, 30.1458 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, 64)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 64)  
}
```

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, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 64) }
```

## Border

The CSS property to change the border of an element to HunterLab 55.7969, 52.4472, 30.1458 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, 64) }
```



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

```
.border{ border-color:rgb(255, 102, 64) }
```

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, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 64);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
64) }
```

# Background

The CSS property to change the background color of an element to HunterLab 55.7969, 52.4472, 30.1458 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, 64) }
```

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

```
.background{ background-color: rgb(255,  
102, 64) }
```

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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