

Converting Colors

HunterLab(65.8925, 78.3967,
38.0471)

Have a look what the booklet for
HunterLab(65.8925, 78.3967,
38.0471) contains.

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Color

**HunterLab(55.2455, 53.7062,
30.2441)**

Conversions

Conversions Part 1

Format	Color
Hex	FF633D
RGB	255, 99, 61
RGB Percent	100%, 39%, 24%
CMY	0.0000, 0.6117, 0.7608
CMYK	0.00, 0.61, 0.76, 0.00
HSL	12°, 100%, 62%
HSV	12°, 76%, 100%
XYZ	46.5442, 30.5207, 7.8528
YIQ	141.3120, 105.1740, 21.2540

Conversions

Conversions Part 2

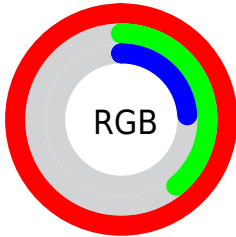
Format	Color
RYB	255, 108, 61
Decimal	16737085
CIELab	62.10, 57.46, 51.41
CIElCh	62, 77.099, 41.818
Yxy	30.5224, 0.5481, 0.3594
Android (android.graphics.Color)	4294927165 (0xFFFF633D)
YUV	141.3120, -39.5938, 99.7044
Hunter-Lab	55.2455, 53.7062, 30.2441

Details

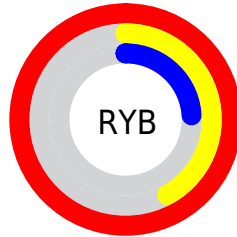
The HunterLab color **55.2455, 53.7062, 30.2441** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **76.0481, -27.9649, -27.3885**, and the grayscale version is **51.8598, -2.7671, 2.8176**.

A 20% lighter version of the original color is **67.7129, 28.6791, 29.0582**, and **35.5220, 49.9207, 22.2340** is the 20% darker color. If you saturate the color by 10%, you get **51.8702, 61.7141, 31.1801**, and if you desaturate by 10%, it is **59.3769, 45.1925, 28.4816**.

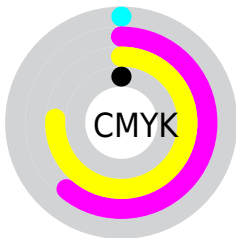
Distribution



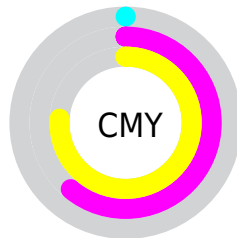
- Red (100%)
- Green (39%)
- Blue (24%)



- Red (100%)
- Yellow (42%)
- Blue (24%)



- Cyan (0%)
- Magenta (61%)
- Yellow (76%)
- Black (0%)





- Cyan (0%)
- Magenta (61%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.2455, 53.7062, 30.2441 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 55.2455, 53.7062, 30.2441 by changing the saturation by 10% instead.


 55.2455, 53.7062,
30.2441


 55.2455, 53.7062,
30.2441


174.4511, 66.8254,
59.4212


 44.9838, 51.7589,
26.3288


 77.7736, 57.2758,
37.5085


 35.4490, 49.7262,
22.1738


 89.9634, 58.9086,
40.9168


 26.7032, 47.6414,
18.0803


 102.7309, 60.4437,
44.2075

 18.8253, 45.6128,
13.1777

 116.0510, 61.8860,
47.3983

 11.9241, 43.9680,
8.3469

 129.9017, 63.2407,
50.5041

 4.8244, 61.5280,
3.3771

 144.2634, 64.5125,

0.0000, INF, NaN

53.5368

0.0000, NaN, NaN

159.1185, 65.7060,
56.5064

0.0000, NaN, NaN

■ 55.2455, 53.7062,
30.2441

■ 55.2455, 53.7062,
30.2441

■ 51.8702, 61.7141,
31.1801

■ 59.3769, 45.1925,
28.4816

■ 49.3033, 68.7024,
31.2378

■ 64.1803, 36.6056,
26.0269

■ 48.5156, 71.0183,
31.1384

■ 69.5725, 28.2181,
23.0341

■ 75.4735, 20.1841,
19.6389

■ 81.8126, 12.5687,
15.9477

■ 88.5299, 5.3816,
12.0391

■ 95.5753, -1.3987,
7.9689

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.



55.2471, 75.2691, 14.1402



55.2455, 53.7062, 30.2441



55.2471, 18.6141, 35.2903

Triad

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



55.2471, 53.7013, 30.2449



55.2471, -51.7874, 18.9111



55.2471, 10.8669, -96.8364

Complementary

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



55.2455, 53.7062, 30.2441



76.0481, -27.9649, -27.3885

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.



55.2471, -21.6437, -92.5957



55.2455, 53.7062, 30.2441



55.2471, -52.9106, -11.0682

Square

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



55.2471, 53.7013, 30.2449



55.2471, -39.6669, 31.9526



55.2471, -43.2196, -55.4178



55.2471, 46.8793, -64.9007

Rectangle

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



55.2455, 53.7062, 30.2441



55.2471, -4.9792, 35.8818



55.2471, -43.2196, -55.4178



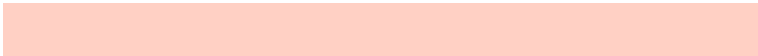
55.2471, -0.8927, -99.9467

Sweetspot

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



55.2471, 53.7013, 30.2449



83.8425, 10.3117, 14.7649



54.5297, 87.0739, -38.0685



37.6889, 5.9983, 7.4723

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.2471, 53.7013, 30.2449



50.5036, 65.3171, 31.3150



77.4518, 5.6833, 44.4451



43.0848, 0.4076, 4.3392



35.3007, 50.6062, 22.6381



11.6474, 13.8788, 7.4200

Inverse Universe

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



76.0481, -27.9649, -27.3885



72.9836, -26.6274, -32.3509



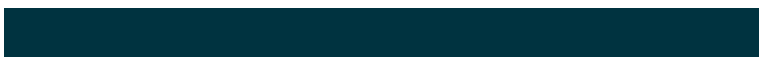
47.1572, 19.6279, -89.5463



44.5433, -4.8780, 0.4079



51.7795, -18.3903, -25.0205



16.6065, -6.3435, -7.0630

Previews

White Background



This preview shows how the HunterLab color 55.2455, 53.7062, 30.2441 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 55.2455, 53.7062, 30.2441 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 55.2455, 53.7062, 30.2441 Background



This preview shows how black text looks on a background with the HunterLab color 55.2455, 53.7062, 30.2441.



This preview shows how white text looks on a background with the HunterLab color 55.2455, 53.7062,

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

55.2455, 53.7062, 30.2441

Protanopia

55.4761, -6.5656, 26.5653

Deuteranopia

55.2870, 3.7774, 30.8977



Tritanopia

55.2859, 57.4891, 21.8698

Trichromacy



Original Color

55.2455, 53.7062, 30.2441

Protanomaly

53.8175, 14.2023, 26.8433

Deuteranomaly

54.2606, 21.5203, 29.9984

Tritanomaly

55.2098, 55.9679, 25.5451

Monochromacy



Original Color

55.2455, 53.7062, 30.2441

Achromatopsia

51.6097, -2.7538, 2.8041

Achromatomaly

51.0261, 14.5202, 13.8844

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.2455, 53.7062, 30.2441 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, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 99, 61)  
}
```

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, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 99, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 55.2455, 53.7062, 30.2441 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, 61) }
```


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

```
.border{ border-color:rgb(255, 99, 61) }
```

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, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 99, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 99, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 99,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.2455, 53.7062, 30.2441 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, 61) }
```

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

```
.background{ background-color: rgb(255, 99,  
61) }
```

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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