

Converting Colors

HunterLab(55.1070, 38.7486,
31.5353)

Have a look what the booklet for
HunterLab(55.1070, 38.7486,
31.5353) contains.

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Color

**HunterLab(55.1666, 38.8110,
31.5499)**

Conversions

Conversions Part 1

Format	Color
Hex	EE7231
RGB	238, 114, 49
RGB Percent	93%, 45%, 19%
CMY	0.0667, 0.5529, 0.8078
CMYK	0.00, 0.52, 0.79, 0.07
HSL	21°, 85%, 56%
HSV	21°, 79%, 93%
XYZ	41.8316, 30.4335, 6.5753
YIQ	143.6660, 94.7690, 6.0730

Conversions

Conversions Part 2

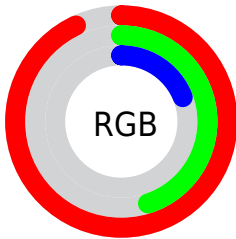
Format	Color
R _Y B	238, 148, 49
Decimal	15626801
CIE Lab	62.03, 44.00, 56.06
CIE LCh	62, 71.269, 51.872
Yxy	30.4352, 0.5306, 0.3860
Android (android.graphics.Color)	4293816881 (0xFFEE7231)
YUV	143.6660, -46.6703, 82.7309
Hunter-Lab	55.1666, 38.8110, 31.5499

Details

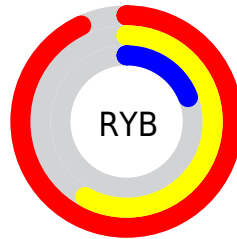
The HunterLab color **55.1666, 38.8110, 31.5499** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **60.5894, -12.8133, -42.0431**, and the grayscale version is **52.8324, -2.8190, 2.8705**.

A 20% lighter version of the original color is **70.8416, 21.0182, 33.9296**, and **35.4390, 35.7054, 22.4624** is the 20% darker color. If you saturate the color by 10%, you get **52.0167, 45.6920, 31.7910**, and if you desaturate by 10%, it is **58.7540, 32.0357, 30.4386**.

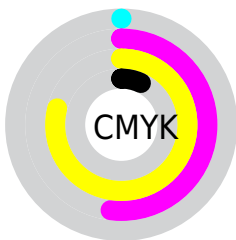
Distribution



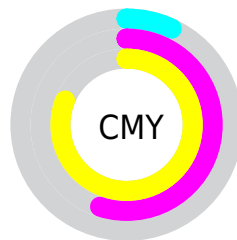
- Red (93%)
- Green (45%)
- Blue (19%)



- Red (93%)
- Yellow (58%)
- Blue (19%)



- Cyan (0%)
- Magenta (52%)
- Yellow (79%)
- Black (7%)



- Cyan (7%)
- Magenta (55%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.1666, 38.8110, 31.5499 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 55.1666, 38.8110, 31.5499 by changing the saturation by 10% instead.

55.1666, 38.8110,
31.5499

55.1666, 38.8110,
31.5499

174.3353, 47.9407,
62.9996

44.9101, 37.3090,
27.3130

77.6851, 41.4651,
39.4110

35.3809, 35.6918,
22.8257

89.8705, 42.6400,
43.0946

26.6412, 33.9599,
18.6488

102.6338, 43.7219,
46.6466

18.7701, 32.1453,
13.1391

115.9498, 44.7172,
50.0862

11.8768, 30.3770,
8.3138

129.7967, 45.6317,
53.4292

4.7382, 43.3533,
3.3167

144.1546, 46.4708,

0.0000, INF, NaN

56.6887

0.0000, NaN, NaN

159.0061, 47.2391,
59.8758

0.0000, NaN, NaN

■ 55.1666, 38.8110,
31.5499

■ 55.1666, 38.8110,
31.5499

■ 52.0167, 45.6920,
31.7910

■ 58.7540, 32.0357,
30.4386

■ 49.3285, 52.4258,
31.2654

■ 62.7341, 25.5407,
28.5069

■ 49.1838, 52.8062,
31.2313

■ 67.0672, 19.4150,
25.8443

■ 71.7145, 13.7005,
22.5487

■ 76.6405, 8.4044,
18.7128

81.8141, 3.5123,
14.4185

87.2084, -1.0020,
9.7351

92.8001, -5.1704,
4.7200

98.2953, -10.5401,
3.3188

Harmonies

Analogous

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



55.1681, 63.8423, 20.2015



55.1666, 38.8110, 31.5499



55.1681, 5.7205, 34.7873

Triad

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



55.1681, 38.8068, 31.5506



55.1681, -50.3577, 10.4211



55.1681, 21.0157, -79.5808

Complementary

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



55.1666, 38.8110, 31.5499



60.5894, -12.8133, -42.0431

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.



55.1681, -11.1096, -87.5539



55.1666, 38.8110, 31.5499



55.1681, -48.0180, -22.5186

Square

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



55.1681, 38.8068, 31.5506



55.1681, -42.3838, 27.7657



55.1681, -35.0870, -62.6545



55.1681, 52.0949, -44.6212

Rectangle

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



55.1666, 38.8110, 31.5499



55.1681, -14.6618, 34.6402



55.1681, -35.0870, -62.6545



55.1681, 9.8359, -86.0673

Sweetspot

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



55.1681, 38.8068, 31.5506



85.8315, 6.2211, 17.8229



48.4448, 77.6977, -18.4254



38.7898, 3.7637, 9.0034

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.1681, 38.8068, 31.5506



54.4677, 53.7944, 34.0992



79.2353, -7.9872, 46.5101



40.8016, -0.4550, 4.5724



37.0305, 38.6280, 23.4943



11.4867, 9.0256, 7.2361

Inverse Universe

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



60.5894, -12.8133, -42.0431



60.5692, -9.0277, -55.4453



35.5487, 36.2308, -112.3705



41.1828, -3.7475, -0.2024



41.2135, -5.5085, -39.6221



12.6392, -2.7457, -9.8707

Previews

White Background



This preview shows how the HunterLab color 55.1666, 38.8110, 31.5499 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 55.1666, 38.8110, 31.5499 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 55.1666, 38.8110, 31.5499 Background



This preview shows how black text looks on a background with the HunterLab color 55.1666, 38.8110, 31.5499.



This preview shows how white text looks on a background with the HunterLab color 55.1666, 38.8110,

31.5499.

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

55.1666, 38.8110, 31.5499

Protanopia

55.4742, -6.9694, 29.6386

Deuteranopia

55.3265, 3.7584, 32.1008



Tritanopia

55.1644, 47.6832, 17.7166

Trichromacy



Original Color

55.1666, 38.8110, 31.5499

Protanomaly

54.5804, 8.3862, 29.8527

Deuteranomaly

54.7196, 16.5198, 31.5308

Tritanomaly

55.1501, 43.8162, 24.3513

Monochromacy



Original Color

55.1666, 38.8110, 31.5499

Achromatopsia

52.8104, -2.8178, 2.8693

Achromatomaly

52.2916, 9.2164, 15.9789

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.1666, 38.8110, 31.5499 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(238, 114, 49)` looks like.

```
.text, #text, p{  
    color:rgb(238, 114, 49)  
}
```

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(238, 114, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 114, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 55.1666, 38.8110, 31.5499 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(238, 114, 49) }
```


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

```
.border{ border-color:rgb(238, 114, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 114, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 114, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 114, 49);  
box-shadow:4px 4px 4px 4px rgb(238, 114,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.1666, 38.8110, 31.5499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 114, 49) }
```

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

```
.background{ background-color: rgb(238,  
114, 49) }
```

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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