

Converting Colors

HunterLab(55.1763, 38.7300,
34.6774)

Have a look what the booklet for
HunterLab(55.1763, 38.7300,
34.6774) contains.

HunterLab(55.2810, 38.7211, 34.7418)	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(55.2810, 38.7211,
34.7418)**

Conversions

Conversions Part 1

Format	Color
Hex	F07200
RGB	240, 114, 0
RGB Percent	94%, 45%, 0%
CMY	0.0588, 0.5529, 1.0000
CMYK	0.00, 0.52, 1.00, 0.06
HSL	29°, 100%, 47%
HSV	29°, 100%, 94%
XYZ	41.9525, 30.5599, 3.6875
YIQ	138.6780, 111.6900, -8.7420

Conversions

Conversions Part 2

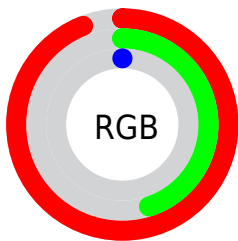
Format	Color
R_{YB}	240, 217, 0
Decimal	15757824
CIE _{Lab}	62.14, 43.90, 70.01
CIE _{LCh}	62, 82.635, 57.906
Yxy	30.5616, 0.5505, 0.4011
Android (android.graphics.Color)	4293947904 (0xFFFF07200)
YUV	138.6780, -68.3683, 88.8594
Hunter-Lab	55.2810, 38.7211, 34.7418

Details

The HunterLab color **55.2810, 38.7211, 34.7418** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **46.0570, 9.2714, -77.5809**, and the grayscale version is **50.9174, -2.7168, 2.7664**.

A 20% lighter version of the original color is **70.4946, 19.2346, 39.0399**, and **35.6025, 36.1001, 22.5701** is the 20% darker color. If you saturate the color by 10%, you get **55.2818, 38.7185, 34.7422**, and if you desaturate by 10%, it is **58.0247, 32.7012, 35.4437**.

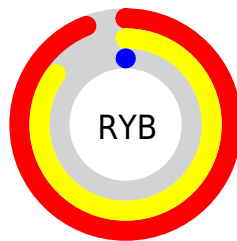
Distribution



Red (94%)

Green (45%)

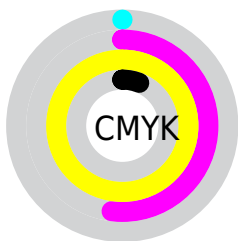
Blue (0%)



Red (94%)

Yellow (85%)

Blue (0%)

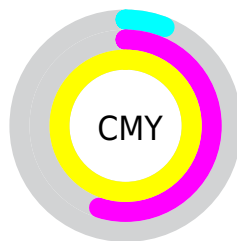


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.2810, 38.7211, 34.7418 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 55.2810, 38.7211, 34.7418 by changing the saturation by 10% instead.

55.2810, 38.7211,
34.7418

55.2810, 38.7211,
34.7418

174.5031, 47.8117,
72.9911

45.0169, 37.2238,
29.5945

77.8133, 41.3655,
44.3479

35.4796, 35.6115,
24.5271

90.0051, 42.5359,
48.8512

26.7310, 33.8839,
18.7117

102.7745, 43.6132,
53.1868

18.8500, 32.0724,
13.1950

116.0964, 44.6042,
57.3756

11.9454, 30.3027,
8.3618

129.9488, 45.5146,
61.4360


4.8626, 42.2702,
3.4038

144.3122, 46.3496,


0.0000, INF, NaN


65.3835


0.0000, NaN, NaN


 159.1689, 47.1139,
69.2314

0.0000, NaN, NaN


 55.2810, 38.7211,
34.7418


 55.2810, 38.7211,
34.7418


 55.2818, 38.7185,
34.7422

 58.0247, 32.7012,
35.4437

 61.0441, 26.8960,
35.3693

 64.3326, 21.4380,
34.3654

 67.8721, 16.3893,
32.4410

 71.6434, 11.7782,
29.6455

■ 75.6273, 7.6094,
26.0468

■ 79.8057, 3.8721,
21.7190

■ 84.1619, 0.5455,
16.7356

■ 88.6805, -2.3962,
11.1650

Harmonies

Analogous

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



55.2825, 72.2415, 25.7665



55.2810, 38.7211, 34.7418



55.2825, -0.4079, 36.6290

Triad

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



55.2825, 38.7168, 34.7424



55.2825, -56.4106, 5.3551



55.2825, 33.2114, -92.1718

Complementary

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



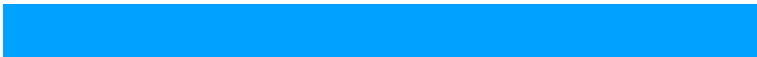
55.2810, 38.7211, 34.7418



46.0570, 9.2714, -77.5809

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.



55.2825, -5.4523, -111.0711



55.2810, 38.7211, 34.7418



55.2825, -51.6899, -37.3965

Square

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



55.2825, 38.7168, 34.7424



55.2825, -50.1251, 27.7657



55.2825, -35.0589, -86.5489



55.2825, 68.5345, -44.4905

Rectangle

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



55.2810, 38.7211, 34.7418



55.2825, -22.6181, 36.1226



55.2825, -35.0589, -86.5489



55.2825, 19.9153, -103.0559

Sweetspot

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



55.2825, 38.7168, 34.7424



85.4479, 4.1861, 23.3173



44.8150, 80.2239, 1.9997



38.6453, 2.6955, 11.7353

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.2825, 38.7168, 34.7424



59.1324, 41.6948, 37.1671



87.3144, -20.3448, 53.4464



41.2279, -1.1775, 5.0350



41.2214, 27.8787, 25.8885



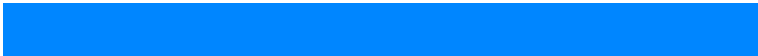
12.6944, 6.1942, 7.9307

Inverse Universe

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



46.0570, 9.2714, -77.5809



49.2283, 10.1457, -83.4327



25.4265, 66.5289, -175.3967



40.7458, -3.0342, -0.7329



34.4679, 6.1143, -56.2809



10.8973, 0.0415, -13.7102

Previews

White Background



This preview shows how the HunterLab color 55.2810, 38.7211, 34.7418 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 55.2810, 38.7211, 34.7418 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 55.2810, 38.7211, 34.7418 Background



This preview shows how black text looks on a background with the HunterLab color 55.2810, 38.7211, 34.7418.



This preview shows how white text looks on a background with the HunterLab color 55.2810, 38.7211,

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

55.2810, 38.7211, 34.7418

Protanopia

55.4411, -7.5517, 33.2186

Deuteranopia

55.3101, 3.4384, 34.1420



Tritanopia

55.2766, 48.8933, 18.1600

Trichromacy



Original Color

55.2810, 38.7211, 34.7418

Protanomaly

54.5992, 8.0005, 33.3327

Deuteranomaly

54.6923, 16.1155, 33.9832

Tritanomaly

55.0294, 44.0096, 28.0738

Monochromacy



Original Color

55.2810, 38.7211, 34.7418

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

50.8920, 7.9144, 20.7419

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.2810, 38.7211, 34.7418 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(240, 114, 0)` looks like.

```
.text, #text, p{  
    color:rgb(240, 114, 0)  
}
```

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(240, 114, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 114, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 55.2810, 38.7211, 34.7418 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(240, 114, 0) }
```


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

```
.border{ border-color:rgb(240, 114, 0) }
```

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

Here you see how a box with a 4 pixel rgb(240, 114, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 114, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 114, 0);  
box-shadow:4px 4px 4px 4px rgb(240, 114,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.2810, 38.7211, 34.7418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 114, 0) }
```

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

```
.background{ background-color: rgb(240,  
114, 0) }
```

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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