

Converting Colors

HunterLab(65.3914, 29.1547,
37.1674)

Have a look what the booklet for
HunterLab(65.3914, 29.1547,
37.1674) contains.

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Color

**HunterLab(65.3799, 29.1762,
37.1674)**

Conversions

Conversions Part 1

Format	Color
Hex	FF943A
RGB	255, 148, 58
RGB Percent	100%, 58%, 23%
CMY	0.0000, 0.4196, 0.7725
CMYK	0.00, 0.42, 0.77, 0.00
HSL	27°, 100%, 61%
HSV	27°, 77%, 100%
XYZ	52.5937, 42.7453, 9.4817
YIQ	169.7330, 92.6620, -5.3060

Conversions

Conversions Part 2

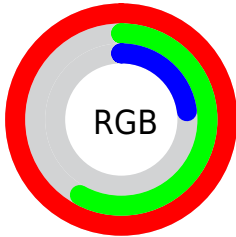
Format	Color
R_{YB}	255, 224, 58
Decimal	16749626
CIE _{Lab}	71.38, 33.84, 62.01
CIE _{LCh}	71, 70.642, 61.378
Yxy	42.7476, 0.5017, 0.4078
Android (android.graphics.Color)	4294939706 (0xFFFF943A)
YUV	169.7330, -55.0844, 74.7792
Hunter-Lab	65.3799, 29.1762, 37.1674

Details

The HunterLab color **65.3799, 29.1762, 37.1674** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **59.1845, -3.2934, -58.3643**, and the grayscale version is **63.4863, -3.3875, 3.4493**.

A 20% lighter version of the original color is **80.6967, 3.5889, 38.7383**, and **44.2405, 27.1647, 27.7363** is the 20% darker color. If you saturate the color by 10%, you get **62.0168, 35.5394, 37.4957**, and if you desaturate by 10%, it is **69.0525, 23.1826, 35.8413**.

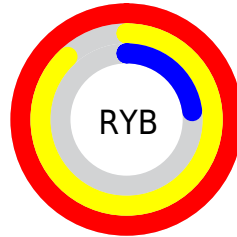
Distribution



Red (100%)

Green (58%)

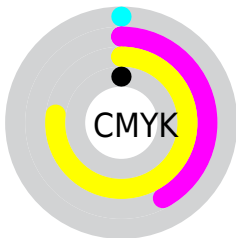
Blue (23%)



Red (100%)

Yellow (88%)

Blue (23%)

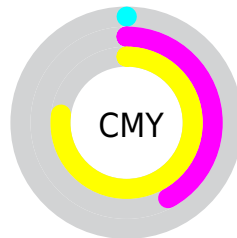


Cyan (0%)

Magenta (42%)

Yellow (77%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.3799, 29.1762, 37.1674 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 65.3799, 29.1762, 37.1674 by changing the saturation by 10% instead.


 65.3799, 29.1762,
37.1674


 65.3799, 29.1762,
37.1674


189.0959, 34.4102,
70.5091

 54.4859, 28.1757,
32.7470


 89.0673, 30.8678,
45.4323


 44.2733, 27.0671,
28.0943


 101.7941, 31.5841,
49.3278


 34.7930, 25.8354,
23.2422


 115.0752, 32.2218,
53.0942

 26.1066, 24.4706,
18.2746

 128.8884, 32.7867,
56.7490

 18.2949, 22.9722,
12.8064

 143.2140, 33.2839,
60.3065

 11.4694, 21.3808,
8.0286

 158.0342, 33.7177,

 3.9133, 37.7809,

63.7791

2.7393

173.3330, 34.0921,
67.1770

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.3799, 29.1762,
37.1674

■ 65.3799, 29.1762,
37.1674

■ 62.0168, 35.5394,
37.4957

■ 69.0525, 23.1826,
35.8413

■ 58.9767, 42.1645,
36.8772

■ 73.0066, 17.6367,
33.5447

■ 58.1957, 43.9846,
36.6300


■ 77.2204, 12.5625,
30.3440

■ 81.6710, 7.9626,
26.3199

■ 86.3371, 3.8228,

21.5560

 91.1994, 0.1186,
16.1323

 96.2403, -3.1795,
10.1221

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.



65.3816, 58.7808, 27.5399



65.3799, 29.1762, 37.1674



65.3816, -4.9865, 39.4386

Triad

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



65.3816, 29.1720, 37.1681



65.3816, -54.9195, 2.1147



65.3816, 32.2825, -70.1287

Complementary

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



65.3799, 29.1762, 37.1674



59.1845, -3.2934, -58.3643

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.



65.3816, -1.9842, -87.9656



65.3799, 29.1762, 37.1674



65.3816, -48.7006, -35.5168

Square

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



65.3816, 29.1720, 37.1681



65.3816, -49.7538, 26.0899



65.3816, -30.7841, -72.9514



65.3816, 60.8091, -31.7481

Rectangle

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



65.3799, 29.1762, 37.1674



65.3816, -24.7232, 38.2197



65.3816, -30.7841, -72.9514



65.3816, 20.8498, -79.3808

Sweetspot

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



65.3816, 29.1720, 37.1681



88.3827, 2.1956, 19.3252



52.0119, 79.4356, -7.8772



40.0852, 1.6528, 9.8208

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.3816, 29.1720, 37.1681



60.2297, 39.3265, 37.2447



93.2527, -20.2027, 54.5628



43.9935, -1.1432, 5.3309



42.4108, 30.9505, 26.6752



14.0234, 7.7976, 8.7777

Inverse Universe

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



59.1845, -3.2934, -58.3643



53.0150, 3.7752, -73.0722



34.9801, 50.2997, -137.9204



43.6034, -3.3540, -0.7254



36.9422, 4.7796, -56.4922



12.4393, -0.1247, -15.2789

Previews

White Background



This preview shows how the HunterLab color 65.3799, 29.1762, 37.1674 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 65.3799, 29.1762, 37.1674 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 65.3799, 29.1762, 37.1674 Background



This preview shows how black text looks on a background with the HunterLab color 65.3799, 29.1762, 37.1674.



This preview shows how white text looks on a background with the HunterLab color 65.3799, 29.1762,

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

65.3799, 29.1762, 37.1674

Protanopia

65.7024, -8.3602, 35.8262

Deuteranopia

65.3728, 5.1148, 37.4254



Tritanopia

65.4526, 39.5400, 14.5022

Trichromacy



Original Color

65.3799, 29.1762, 37.1674

Protanomaly

65.0937, 4.3323, 36.0352

Deuteranomaly

65.1047, 14.0188, 37.1843

Tritanomaly

65.1850, 34.9591, 25.4711

Monochromacy



Original Color

65.3799, 29.1762, 37.1674

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

63.1214, 5.3963, 19.4814

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.3799, 29.1762, 37.1674 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, 148, 58)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 58)  
}
```

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, 148, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 65.3799, 29.1762, 37.1674 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, 148, 58) }
```


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

```
.border{ border-color:rgb(255, 148, 58) }
```

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

Here you see how a box with a 4 pixel rgb(255, 148, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 58);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
58) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.3799, 29.1762, 37.1674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 58) }
```

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

```
.background{ background-color: rgb(255,  
148, 58) }
```

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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