Converting Colors

HunterLab(58.4941, 21.6355, 35.2648)

Have a look what the booklet for HunterLab(58.4941, 21.6355, 35.2648) contains.

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Color

HunterLab(58.4370, 21.5417, 35.2063)

Conversions

Conversions Part 1

Format	Color
Hex	E2891D
RGB	226, 137, 29
RGB Percent	89%, 54%, 11%
CMY	0.1137, 0.4627, 0.8863
CMYK	0.00, 0.39, 0.87, 0.11
HSL	33°, 77%, 50%
HSV	33°, 87%, 89%
XYZ	40.5315, 34.1488, 5.6176
YIQ	151.2990, 87.7120, -14.7200

Conversions

Conversions Part 2

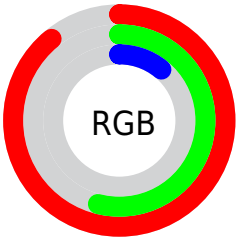
Format	Color
RYB	191, 226, 29
Decimal	14846237
CIELab	65.08, 26.86, 65.34
CIELCh	65, 70.644, 67.655
Yxy	34.1506, 0.5048, 0.4253
Android (android.graphics.Color)	4293036317 (0xFFE2891D)
YUV	151.2990, -60.2934, 65.5128
Hunter-Lab	58.4370, 21.5417, 35.2063

Details

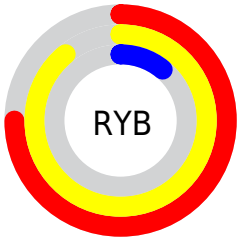
The HunterLab color 58.4370, 21.5417, 35.2063 is a dark color, and the websafe version is hex FF9933. The color can be described as dark washed orange. A complement of this color would be 43.2536, 9.7830, -71.8031, and the grayscale version is 55.9636, -2.9861, 3.0406.

A 20% lighter version of the original color is 76.9373, 8.1613, 40.7666, and 38.3522, 20.0018, 23.9826 is the 20% darker color. If you saturate the color by 10%, you get 55.9545, 26.3723, 34.7457, and if you desaturate by 10%, it is 61.1129, 17.0187, 34.8485.

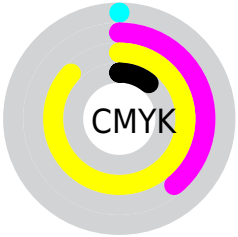
Distribution



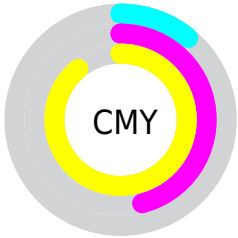
- Red (89%)
- Green (54%)
- Blue (11%)



- Red (75%)
- Yellow (89%)
- Blue (11%)



- Cyan (0%)
- Magenta (39%)
- Yellow (87%)
- Black (11%)



- Cyan (11%)
- Magenta (46%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.4370, 21.5417, 35.2063 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 58.4370, 21.5417, 35.2063 by changing the saturation by 10% instead.

58.4370, 21.5417, 35.2063

58.4370, 21.5417, 35.2063

179.1098, 24.8603, 70.8238

47.9680, 20.7707, 30.4266

81.3436, 22.7826, 44.1144

38.2105, 19.8912, 25.4034

93.7083, 23.2781, 48.2951

29.2223, 18.8851, 20.4556

106.6429, 23.6988, 52.3258

21.0761, 17.7372, 14.7532

120.1233, 24.0507, 56.2261

13.8700, 16.4382, 9.7090

134.1282, 24.3387, 60.0129

7.5007, 16.4001, 5.2505

148.6387, 24.5673,

0.0000, INF, NaN

63.7004

0.0000, NaN, NaN

163.6377, 24.7400, 67.3007

0.0000, NaN, NaN

58.4370, 21.5417, 35.2063

58.4370, 21.5417, 35.2063

55.9545, 26.3723, 34.7457

61.1129, 17.0187, 34.8485

55.2808, 27.7654, 34.5499

63.9720, 12.8750, 33.6065

67.0067, 9.1353, 31.4843

70.2065, 5.8085, 28.5155

73.5606, 2.8901, 24.7500

77.0585, 0.3667, 20.2450

80.6899, -1.7804, 15.0596

84.4454, -3.5733, 9.2519

88.3162, -5.0354, 2.8764

Harmonies

Analogous

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

58.4385, 52.5014, 28.4438

58.4370, 21.5417, 35.2063

58.4385, -10.9158, 36.2146

Triad

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

58.4385, 21.5381, 35.2069

58.4385, -51.5676, -4.9613

58.4385, 38.3292, -62.6298

Complementary

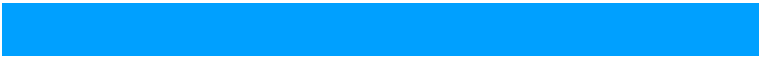
The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

58.4370, 21.5417, 35.2063

43.2536, 9.7830, -71.8031

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.



58.4385, 5.1045, -86.6293

58.4370, 21.5417, 35.2063

58.4385, -43.5094, -43.6535

Square

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

58.4385, 21.5381, 35.2069

58.4385, -48.9804, 21.0150

58.4385, -24.2674, -78.2922

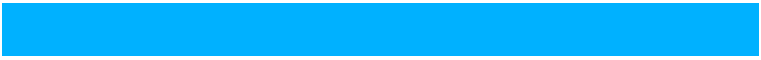
58.4385, 63.5299, -23.0080

Rectangle

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

58.4370, 21.5417, 35.2063

58.4385, -28.4901, 34.5479



58.4385, -24.2674, -78.2922

58.4385, 27.4836, -73.5361

Sweetspot

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

58.4385, 21.5381, 35.2069

88.7682, 0.1575, 22.6588

42.9262, 71.4618, 2.7454

40.4103, 0.5095, 11.3716

0.0000, NaN, NaN

46.2646, -2.4686, 2.5136

Same Dimension

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

58.4385, 21.5381, 35.2069

63.2128, 32.2314, 39.5157

83.4316, -24.5648, 50.1538

38.6521, -1.4777, 4.9135

42.0416, 20.3380, 26.2619

11.8462, 3.7131, 7.3646

Inverse Universe

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

43.2536, 9.7830, -71.8031

44.1888, 20.4383, -99.3525

25.9565, 56.9017, -147.3608

37.7597, -2.4533, -0.9372

29.6563, 12.2798, -63.5764

8.8694, 1.1343, -13.5347

Previews

White Background

This preview shows how the HunterLab color 58.4370, 21.5417, 35.2063 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

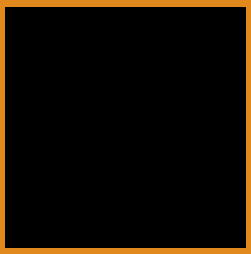
This preview shows how the HunterLab color 58.4370, 21.5417, 35.2063 looks on a black background.

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 58.4370, 21.5417, 35.2063 Background



This preview shows how black text looks on a background with the HunterLab color 58.4370, 21.5417, 35.2063.

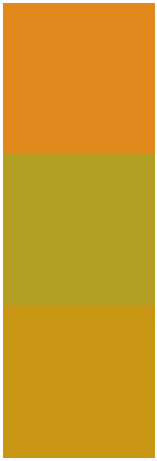
This preview shows how white text looks on a background with the HunterLab color 58.4370, 21.5417,

35.2063.

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
58.4370, 21.5417, 35.2063

Protanopia
58.6367, -8.0574, 34.3828

Deuteranopia
58.4286, 4.1965, 35.4517

Tritanopia
58.5093, 35.4727, 12.6915

Trichromacy

Original Color
58.4370, 21.5417, 35.2063

Protanomaly
58.1766, 2.0413, 34.4175

Deuteranomaly
58.1962, 10.3385, 35.2154

Tritanomaly
58.1141, 29.2526, 24.5326

Monochromacy

Original Color
58.4370, 21.5417, 35.2063

Achromatopsia
55.6299, -2.9683, 3.0225

Achromatomaly
55.7533, 2.6190, 19.6085

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.4370, 21.5417, 35.2063 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(226, 137, 29) looks like.

```
.text, #text, p{
    color:rgb(226, 137, 29)
}
```

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(226, 137, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 137, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 58.4370, 21.5417, 35.2063 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(226, 137, 29) }
```

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

```
.border{ border-color:rgb(226, 137, 29) }
```

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

Here you see how a box with a 4 pixel rgb(226, 137, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 137, 29); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 137, 29); box-shadow:4px 4px 4px 4px rgb(226, 137, 29) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.4370, 21.5417, 35.2063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(226, 137, 29) }
```

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

```
.background{ background-color:rgb(226,
137, 29) }
```

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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