

Converting Colors

HunterLab(51.8883, 41.6434,
31.2687)

Have a look what the booklet for
HunterLab(51.8883, 41.6434,
31.2687) contains.

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Color

**HunterLab(51.8846, 41.9641,
31.3021)**

Conversions

Conversions Part 1

Format	Color
Hex	E9661E
RGB	233, 102, 30
RGB Percent	91%, 40%, 12%
CMY	0.0863, 0.6000, 0.8823
CMYK	0.00, 0.56, 0.87, 0.09
HSL	21°, 82%, 52%
HSV	21°, 87%, 91%
XYZ	38.5900, 26.9201, 4.3905
YIQ	132.9610, 101.1880, 5.3800

Conversions

Conversions Part 2

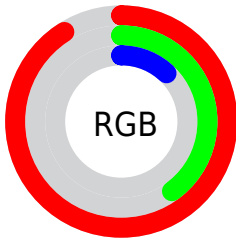
Format	Color
R_{YB}	233, 142, 30
Decimal	15296030
CIE _{Lab}	58.90, 47.39, 60.56
CIE _{LCh}	59, 76.894, 51.955
Yxy	26.9216, 0.5521, 0.3851
Android (android.graphics.Color)	4293486110 (0xFFE9661E)
YUV	132.9610, -50.7598, 87.7342
Hunter-Lab	51.8846, 41.9641, 31.3021

Details

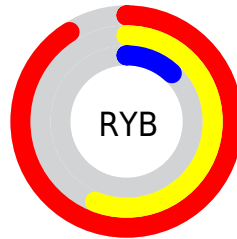
The HunterLab color **51.8846, 41.9641, 31.3021** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **56.2554, -9.6430, -46.7533**, and the grayscale version is **48.5826, -2.5922, 2.6396**.

A 20% lighter version of the original color is **67.5733, 26.2141, 34.9168**, and **32.7760, 38.9058, 20.8775** is the 20% darker color. If you saturate the color by 10%, you get **49.1429, 48.5635, 30.8996**, and if you desaturate by 10%, it is **55.0600, 35.3315, 30.8799**.

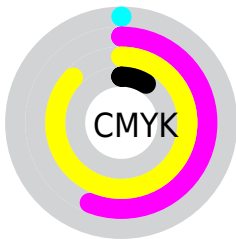
Distribution



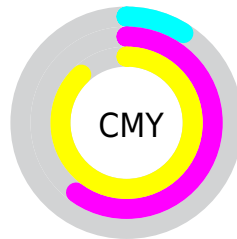
- Red (91%)
- Green (40%)
- Blue (12%)



- Red (91%)
- Yellow (56%)
- Blue (12%)



- Cyan (0%)
- Magenta (56%)
- Yellow (87%)
- Black (9%)



- Cyan (9%)
- Magenta (60%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8846, 41.9641, 31.3021 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 51.8846, 41.9641, 31.3021 by changing the saturation by 10% instead.

51.8846, 41.9641, 31.3021

51.8846, 41.9641, 31.3021

169.4926, 52.3825, 65.3074

41.8502, 40.3050, 26.6853

73.9987, 44.9300, 39.8594

32.5606, 38.5370, 21.9629

85.9977, 46.2562, 43.8581

24.0828, 36.6746, 16.8580

98.5832, 47.4853, 47.7055

16.5038, 34.7891, 11.5526

111.7289, 48.6238, 51.4229

9.9462, 33.1392, 6.9623

125.4120, 49.6777, 55.0281

0.0000, INF, NaN

0.0000, NaN, NaN

139.6122, 50.6522,

58.5359

0.0000, NaN, NaN

154.3112, 51.5524,
61.9588

0.0000, NaN, NaN

51.8846, 41.9641,
31.3021

51.8846, 41.9641,
31.3021

49.1429, 48.5635,
30.8996

55.0600, 35.3315,
30.8799

48.4317, 50.3970,
30.7257

58.6324, 28.8851,
29.6089

62.5656, 22.7497,
27.5490

66.8220, 16.9951,
24.7872

71.3663, 11.6484,
21.4165

■ 76.1668, 6.7083,
17.5238

■ 81.1956, 2.1566,
13.1858

■ 86.4283, -2.0342,
8.4673

■ 91.8441, -5.8953,
3.4226

Harmonies

Analogous

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



51.8861, 69.4008, 20.5840



51.8846, 41.9641, 31.3021



51.8861, 6.3283, 34.0044

Triad

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



51.8861, 41.9598, 31.3028



51.8861, -51.5178, 10.5198



51.8861, 22.9009, -88.9577

Complementary

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



51.8846, 41.9641, 31.3021



56.2554, -9.6430, -46.7533

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.



51.8861, -11.2840, -98.2129



51.8846, 41.9641, 31.3021



51.8861, -49.1704, -24.8953

Square

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



51.8861, 41.9598, 31.3028



51.8861, -43.5952, 27.8225



51.8861, -36.1231, -69.8448



51.8861, 56.6343, -49.2361

Rectangle

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



51.8846, 41.9641, 31.3021



51.8861, -15.1678, 33.8829



51.8861, -36.1231, -69.8448



51.8861, 10.9108, -96.4299

Sweetspot

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



51.8861, 41.9598, 31.3028



84.9217, 6.9108, 18.9555



45.6717, 78.6960, -14.8244



38.4141, 4.0484, 9.5000

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.8861, 41.9598, 31.3028



53.5246, 56.1844, 33.9652



77.4059, -8.4257, 46.6087



39.9102, -0.5068, 4.5004



36.7717, 37.1703, 23.3093



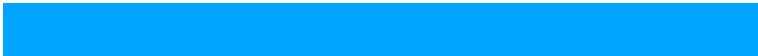
11.1241, 8.2940, 6.9998

Inverse Universe

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



56.2554, -9.6430, -46.7533



58.2816, -5.7509, -60.4325



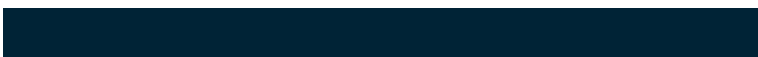
30.7221, 44.3289, -129.0678



40.2128, -3.6020, -0.2344



40.0263, -4.5482, -40.2111



11.9924, -2.4801, -9.6356

Previews

White Background



This preview shows how the HunterLab color 51.8846, 41.9641, 31.3021 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 51.8846, 41.9641, 31.3021 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.8846, 41.9641, 31.3021 Background



This preview shows how black text looks on a background with the HunterLab color 51.8846, 41.9641, 31.3021.



This preview shows how white text looks on a background with the HunterLab color 51.8846, 41.9641,

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

51.8846, 41.9641, 31.3021

Protanopia

52.2223, -6.9534, 29.7782

Deuteranopia

51.9916, 3.3822, 32.0962



Tritanopia

51.7554, 49.8064, 18.6590

Trichromacy



Original Color

51.8846, 41.9641, 31.3021

Protanomaly

51.1180, 10.1719, 29.7409

Deuteranomaly

51.3149, 16.9775, 31.5514

Tritanomaly

51.7067, 46.1134, 25.0358

Monochromacy



Original Color

51.8846, 41.9641, 31.3021

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.1649, 9.9666, 16.2311

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8846, 41.9641, 31.3021 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(233, 102, 30)` looks like.

```
.text, #text, p{  
    color:rgb(233, 102, 30)  
}
```

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(233, 102, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 102, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8846, 41.9641, 31.3021 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(233, 102, 30) }
```


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

```
.border{ border-color:rgb(233, 102, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 102, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 102, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 102, 30);  
box-shadow:4px 4px 4px 4px rgb(233, 102,  
30) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8846, 41.9641, 31.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 102, 30) }
```

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

```
.background{ background-color: rgb(233,  
102, 30) }
```

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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