

Converting Colors

HunterLab(51.5009, 37.9705,
27.5875)

Have a look what the booklet for
HunterLab(51.5009, 37.9705,
27.5875) contains.

HunterLab(51.4067, 38.1400, 27.5721)	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(51.4067, 38.1400,
27.5721)**

Conversions

Conversions Part 1

Format	Color
Hex	E1693B
RGB	225, 105, 59
RGB Percent	88%, 41%, 23%
CMY	0.1176, 0.5882, 0.7686
CMYK	0.00, 0.53, 0.74, 0.12
HSL	17°, 73%, 56%
HSV	17°, 74%, 88%
XYZ	36.8924, 26.4265, 7.2940
YIQ	135.6360, 86.2860, 11.1340

Conversions

Conversions Part 2

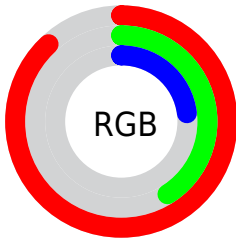
Format	Color
R _Y B	225, 123, 59
Decimal	14772539
CIE Lab	58.44, 43.86, 47.12
CIE LCh	58, 64.375, 47.049
Yxy	26.4279, 0.5224, 0.3743
Android (android.graphics.Color)	4292962619 (0xFFE1693B)
YUV	135.6360, -37.7815, 78.3722
Hunter-Lab	51.4067, 38.1400, 27.5721

Details

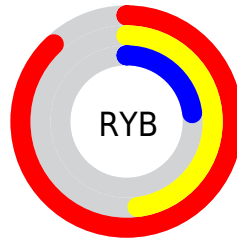
The HunterLab color **51.4067, 38.1400, 27.5721** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **62.1317, -18.1960, -30.0090**, and the grayscale version is **49.5966, -2.6464, 2.6947**.

A 20% lighter version of the original color is **68.6734, 26.4157, 30.2876**, and **32.1752, 34.8243, 19.9596** is the 20% darker color. If you saturate the color by 10%, you get **48.2079, 44.9657, 28.3902**, and if you desaturate by 10%, it is **55.0908, 31.3344, 26.0108**.

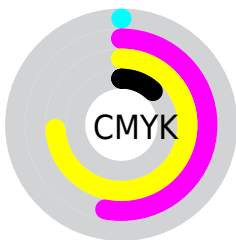
Distribution



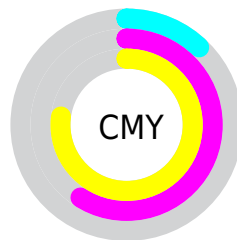
- Red (88%)
- Green (41%)
- Blue (23%)



- Red (88%)
- Yellow (48%)
- Blue (23%)



- Cyan (0%)
- Magenta (53%)
- Yellow (74%)
- Black (12%)



- Cyan (12%)
- Magenta (59%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4067, 38.1400, 27.5721 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 51.4067, 38.1400, 27.5721 by changing the saturation by 10% instead.

51.4067, 38.1400,
27.5721

51.4067, 38.1400,
27.5721

168.7829, 47.5058,
54.9839

41.4054, 36.6008,
23.8779

73.4605, 40.8623,
34.4038

32.1516, 34.9460,
19.9424

85.4318, 42.0674,
37.6039

23.7132, 33.1823,
16.2639

97.9909, 43.1769,
40.6924

16.1781, 31.3627,
11.3247

111.1114, 44.1976,
43.6874

9.6715, 29.6972,
6.7700

124.7702, 45.1357,
46.6032

0.0000, INF, NaN

0.0000, NaN, NaN

138.9469, 45.9967,

49.4518

0.0000, NaN, NaN

153.6233, 46.7852,
52.2427

0.0000, NaN, NaN

■ 51.4067, 38.1400,
27.5721

■ 51.4067, 38.1400,
27.5721

■ 48.2079, 44.9657,
28.3902

■ 55.0908, 31.3344,
26.0108

■ 45.5369, 51.5442,
28.4210

■ 59.2039, 24.7478,
23.7983

■ 44.1495, 55.3243,
28.1733

■ 63.6962, 18.4834,
21.0414

■ 68.5207, 12.5890,
17.8388

■ 73.6363, 7.0733,
14.2744

■ 79.0076, 1.9216,
10.4160

■ 84.6046, -2.8928,
6.3167

■ 90.4020, -7.4016,
2.0177

■ 96.1573, -12.8658,
0.6919

Harmonies

Analogous

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



51.4081, 57.6852, 15.3917



51.4067, 38.1400, 27.5721



51.4081, 9.5567, 31.5525

Triad

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



51.4081, 38.1361, 27.5728



51.4081, -44.5547, 12.7794



51.4081, 13.5681, -71.4986

Complementary

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



51.4067, 38.1400, 27.5721



62.1317, -18.1960, -30.0090

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.



51.4081, -13.9901, -73.5341



51.4067, 38.1400, 27.5721



51.4081, -43.9231, -14.1011

Square

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



51.4081, 38.1361, 27.5728



51.4081, -35.8028, 26.5205



51.4081, -33.8480, -48.8131



51.4081, 41.5959, -44.1816

Rectangle

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



51.4067, 38.1400, 27.5721



51.4081, -9.0303, 31.7818



51.4081, -33.8480, -48.8131



51.4081, 3.8560, -75.5253

Sweetspot

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



51.4081, 38.1361, 27.5728



85.8482, 7.1594, 15.7495



47.3928, 71.2148, -24.0610



38.9522, 4.0869, 7.8293

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.4081, 38.1361, 27.5728



53.6820, 56.3094, 32.8475



71.8007, -2.7021, 40.7791



37.8362, -0.0951, 4.0278



33.7657, 41.2552, 21.5285



9.6865, 8.6578, 6.1203

Inverse Universe

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



62.1317, -18.1960, -30.0090



67.2393, -18.3775, -42.3121



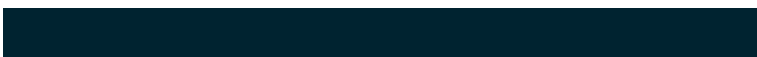
38.7966, 22.9147, -84.5538



38.5959, -3.8187, 0.0776



42.8478, -10.6417, -30.5837



11.9185, -3.7161, -6.8750

Previews

White Background



This preview shows how the HunterLab color 51.4067, 38.1400, 27.5721 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 51.4067, 38.1400, 27.5721 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 51.4067, 38.1400, 27.5721 Background



This preview shows how black text looks on a background with the HunterLab color 51.4067, 38.1400, 27.5721.



This preview shows how white text looks on a background with the HunterLab color 51.4067, 38.1400,

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

51.4067, 38.1400, 27.5721

Protanopia

51.5363, -5.8826, 24.9873

Deuteranopia

51.5056, 3.6090, 28.0608



Tritanopia

51.4644, 44.6411, 16.7845

Trichromacy



Original Color

51.4067, 38.1400, 27.5721

Protanomaly

50.6512, 9.1845, 25.3385

Deuteranomaly

50.9029, 16.1926, 27.4397

Tritanomaly

51.3739, 41.8448, 21.4814

Monochromacy



Original Color

51.4067, 38.1400, 27.5721

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.0660, 9.4082, 13.2554

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4067, 38.1400, 27.5721 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(225, 105, 59)` looks like.

```
.text, #text, p{  
  color:rgb(225, 105, 59)  
}
```

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(225, 105, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 105, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4067, 38.1400, 27.5721 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(225, 105, 59) }
```


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

```
.border{ border-color:rgb(225, 105, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 105, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 105, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 105, 59);  
box-shadow:4px 4px 4px 4px rgb(225, 105,  
59) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4067, 38.1400, 27.5721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 105, 59) }
```

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

```
.background{ background-color: rgb(225,  
105, 59) }
```

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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