

Converting Colors

HunterLab(51.4422, 27.0013,
31.5775)

Have a look what the booklet for
HunterLab(51.4422, 27.0013,
31.5775) contains.

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Color

**HunterLab(51.4277, 26.8751,
31.5486)**

Conversions

Conversions Part 1

Format	Color
Hex	D57311
RGB	213, 115, 17
RGB Percent	84%, 45%, 7%
CMY	0.1647, 0.5490, 0.9333
CMYK	0.00, 0.46, 0.92, 0.16
HSL	30°, 85%, 45%
HSV	30°, 92%, 84%
XYZ	33.6725, 26.4481, 3.8606
YIQ	133.1300, 89.8660, -9.7020

Conversions

Conversions Part 2

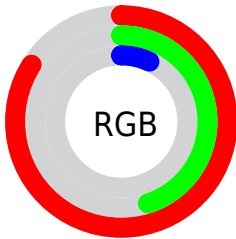
Format	Color
R_{YB}	213, 213, 17
Decimal	13988625
CIE Lab	58.46, 32.84, 62.67
CIE LCh	58, 70.758, 62.346
Yxy	26.4495, 0.5263, 0.4134
Android (android.graphics.Color)	4292178705 (0xFFD57311)
YUV	133.1300, -57.2521, 70.0460
Hunter-Lab	51.4277, 26.8751, 31.5486

Details

The HunterLab color **51.4277, 26.8751, 31.5486** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **41.4540, 6.5647, -64.3766**, and the grayscale version is **48.6773, -2.5973, 2.6447**.

A 20% lighter version of the original color is **70.5502, 19.5206, 38.2202**, and **32.3357, 25.3279, 20.3685** is the 20% darker color. If you saturate the color by 10%, you get **49.5564, 30.8677, 31.0768**, and if you desaturate by 10%, it is **53.9647, 22.0336, 31.5953**.

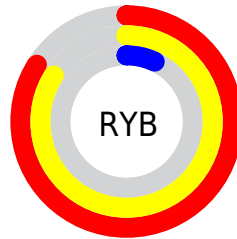
Distribution



Red (84%)

Green (45%)

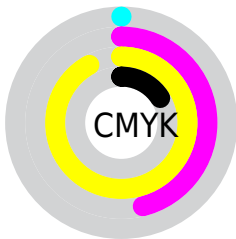
Blue (7%)



Red (84%)

Yellow (84%)

Blue (7%)

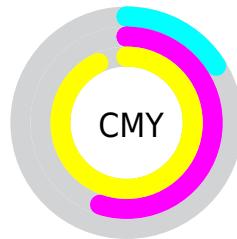


Cyan (0%)

Magenta (46%)

Yellow (92%)

Black (16%)



Cyan (16%)

Magenta (55%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4277, 26.8751, 31.5486 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 51.4277, 26.8751, 31.5486 by changing the saturation by 10% instead.

51.4277, 26.8751,
31.5486

51.4277, 26.8751,
31.5486

168.8140, 32.6619,
66.6578

41.4249, 25.7700,
26.7798

73.4842, 28.7415,
40.3949

32.1695, 24.5424,
22.0499

85.4567, 29.5302,
44.5280

23.7294, 23.1788,
16.6106

98.0169, 30.2325,
48.5030

16.1924, 21.6820,
11.3347

111.1385, 30.8554,
52.3416

9.6835, 20.1126,
6.7784

124.7984, 31.4050,
56.0621

0.0000, INF, NaN

0.0000, NaN, NaN

138.9761, 31.8864,

59.6800

0.0000, NaN, NaN

153.6535, 32.3040,
63.2083

0.0000, NaN, NaN

51.4277, 26.8751,
31.5486

51.4277, 26.8751,
31.5486

49.5564, 30.8677,
31.0768

53.9647, 22.0336,
31.5953

56.7121, 17.5025,
30.8398

59.6592, 13.3277,
29.2771

62.7921, 9.5316,
26.9393

66.0969, 6.1181,
23.8775

■ 69.5600, 3.0787,
20.1505

■ 73.1688, 0.3971,
15.8189

■ 76.9115, -1.9477,
10.9407

■ 80.7775, -3.9788,
5.5699

Harmonies

Analogous

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



51.4291, 55.6512, 24.3608



51.4277, 26.8751, 31.5486



51.4291, -5.0877, 32.9888

Triad

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



51.4291, 26.8715, 31.5492



51.4291, -48.6382, 0.5014



51.4291, 31.9136, -68.5256

Complementary

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



51.4277, 26.8751, 31.5486



41.4540, 6.5647, -64.3766

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.



51.4291, -0.3635, -87.8006



51.4277, 26.8751, 31.5486



51.4291, -42.9839, -36.0838

Square

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



51.4291, 26.8715, 31.5492



51.4291, -44.5307, 22.3166



51.4291, -26.8840, -73.4268



51.4291, 59.0003, -29.7533

Rectangle

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



51.4277, 26.8751, 31.5486



51.4291, -22.8996, 32.0886



51.4291, -26.8840, -73.4268



51.4291, 21.0839, -78.2549

Sweetspot

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



51.4291, 26.8715, 31.5492



86.9048, 2.4987, 22.8060



39.7303, 68.5605, 1.4760



39.3258, 1.8489, 11.5727

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.4291, 26.8715, 31.5492



60.4729, 38.4972, 37.9371



78.5968, -20.9569, 47.6639



36.6558, -1.1779, 4.5143



38.9946, 23.5132, 24.4399



10.4053, 3.9505, 6.4808

Inverse Universe

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



41.4540, 6.5647, -64.3766



47.4624, 13.6080, -88.6997



23.0746, 55.8678, -146.5540



36.0892, -2.5644, -0.7045



30.8190, 7.5660, -54.8538



8.5932, -0.0154, -10.7075

Previews

White Background



This preview shows how the HunterLab color 51.4277, 26.8751, 31.5486 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 51.4277, 26.8751, 31.5486 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 51.4277, 26.8751, 31.5486 Background



This preview shows how black text looks on a background with the HunterLab color 51.4277, 26.8751, 31.5486.



This preview shows how white text looks on a background with the HunterLab color 51.4277, 26.8751,

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

51.4277, 26.8751, 31.5486

Protanopia

51.4693, -6.8426, 30.5359

Deuteranopia

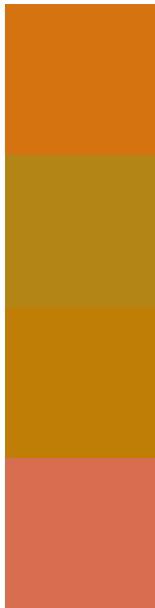
51.4929, 3.0849, 31.7837



Tritanopia

51.4829, 38.0774, 13.7109

Trichromacy



Original Color

51.4277, 26.8751, 31.5486

Protanomaly

51.1314, 4.7302, 30.7095

Deuteranomaly

51.2526, 11.6843, 31.5868

Tritanomaly

51.2984, 33.0802, 23.6395

Monochromacy



Original Color

51.4277, 26.8751, 31.5486

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.3306, 4.9825, 17.7264

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4277, 26.8751, 31.5486 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(213, 115, 17)` looks like.

```
.text, #text, p{  
    color:rgb(213, 115, 17)  
}
```

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(213, 115, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 115, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4277, 26.8751, 31.5486 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(213, 115, 17) }
```


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

```
.border{ border-color:rgb(213, 115, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 115, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 115, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 115, 17);  
box-shadow:4px 4px 4px 4px rgb(213, 115,  
17) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4277, 26.8751, 31.5486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 115, 17) }
```

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

```
.background{ background-color: rgb(213,  
115, 17) }
```

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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