

Converting Colors

HunterLab(51.5612, 30.3067,
30.1447)

Have a look what the booklet for
HunterLab(51.5612, 30.3067,
30.1447) contains.

HunterLab(51.4651, 30.5510, 30.0361)	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(51.4651, 30.5510,
30.0361)**

Conversions

Conversions Part 1

Format	Color
Hex	D97027
RGB	217, 112, 39
RGB Percent	85%, 44%, 15%
CMY	0.1490, 0.5608, 0.8470
CMYK	0.00, 0.48, 0.82, 0.15
HSL	25°, 70%, 50%
HSV	25°, 82%, 85%
XYZ	34.7757, 26.4866, 5.1990
YIQ	135.0730, 86.0130, -0.4430

Conversions

Conversions Part 2

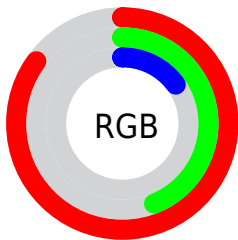
Format	Color
R_{YB}	217, 163, 39
Decimal	14250023
CIE _{Lab}	58.50, 36.51, 55.88
CIE _{LCh}	58, 66.752, 56.844
Yxy	26.4880, 0.5232, 0.3985
Android (android.graphics.Color)	4292440103 (0xFFD97027)
YUV	135.0730, -47.3640, 71.8500
Hunter-Lab	51.4651, 30.5510, 30.0361

Details

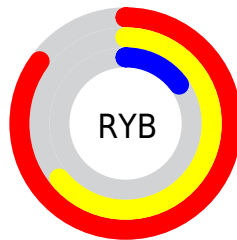
The HunterLab color **51.4651, 30.5510, 30.0361** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **50.3846, -5.5080, -46.2976**, and the grayscale version is **49.4101, -2.6364, 2.6845**.

A 20% lighter version of the original color is **69.9346, 21.9279, 35.2767**, and **32.2704, 27.8260, 20.3720** is the 20% darker color. If you saturate the color by 10%, you get **48.7402, 36.2928, 30.0085**, and if you desaturate by 10%, it is **54.5011, 25.0134, 29.2640**.

Distribution



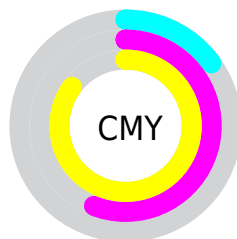
- Red (85%)
- Green (44%)
- Blue (15%)



- Red (85%)
- Yellow (64%)
- Blue (15%)



- Cyan (0%)
- Magenta (48%)
- Yellow (82%)
- Black (15%)



- Cyan (15%)
- Magenta (56%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4651, 30.5510, 30.0361 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 51.4651, 30.5510, 30.0361 by changing the saturation by 10% instead.

51.4651, 30.5510,
30.0361

51.4651, 30.5510,
30.0361

168.8696, 37.5532,
61.7705

41.4597, 29.2950,
25.7270

73.5263, 32.7113,
38.0074

32.2015, 27.9164,
21.1906

85.5010, 33.6419,
41.7321

23.7583, 26.4072,
16.6308

98.0633, 34.4825,
45.3179

16.2178, 24.7831,
11.3525

111.1868, 35.2402,
48.7855

9.7049, 23.1450,
6.7935

124.8486, 35.9211,
52.1516

0.0000, INF, NaN

0.0000, NaN, NaN

139.0282, 36.5305,

55.4304

0.0000, NaN, NaN

153.7074, 37.0732,
58.6335

0.0000, NaN, NaN

■ 51.4651, 30.5510,
30.0361

■ 51.4651, 30.5510,
30.0361

■ 48.7402, 36.2928,
30.0085

■ 54.5011, 25.0134,
29.2640

■ 46.7938, 40.8939,
29.5500

■ 57.8198, 19.7884,
27.7065

■ 61.3969, 14.9250,
25.4202

■ 65.2078, 10.4438,
22.4770

■ 69.2294, 6.3435,
18.9519

■ 73.4408, 2.6089,
14.9156

■ 77.8236, -0.7826,
10.4321

■ 82.3615, -3.8576,
5.5570

■ 87.0403, -6.6435,
0.3382

Harmonies

Analogous

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



51.4665, 55.4061, 21.1331



51.4651, 30.5510, 30.0361



51.4665, 0.2831, 32.3270

Triad

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



51.4665, 30.5473, 30.0367



51.4665, -46.6160, 5.5722



51.4665, 24.2216, -68.1611

Complementary

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



51.4651, 30.5510, 30.0361



50.3846, -5.5080, -46.2976

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.



51.4665, -5.7123, -80.4027



51.4651, 30.5510, 30.0361



51.4665, -42.8806, -26.5093

Square

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



51.4665, 30.5473, 30.0367



51.4665, -40.8638, 23.8427



51.4665, -29.2732, -62.1707



51.4665, 51.2340, -34.3446

Rectangle

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



51.4651, 30.5510, 30.0361



51.4665, -17.5969, 31.8083



51.4665, -29.2732, -62.1707



51.4665, 14.0002, -75.5261

Sweetspot

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



51.4665, 30.5473, 30.0367



86.5235, 4.5213, 19.5196



42.7457, 69.3185, -10.0534



39.2002, 2.8268, 9.8262

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.4665, 30.5473, 30.0367



56.4899, 48.3537, 35.5016



74.7241, -12.6399, 44.3002



37.3152, -0.7594, 4.3494



36.6764, 31.1248, 23.1447



10.1901, 5.8527, 6.3816

Inverse Universe

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



50.3846, -5.5080, -46.2976



54.6567, 0.4453, -68.9406



28.8926, 40.9623, -116.1886



37.2658, -3.0717, -0.4023



35.4834, 0.0846, -44.5337



9.9184, -1.4334, -9.3029

Previews

White Background



This preview shows how the HunterLab color 51.4651, 30.5510, 30.0361 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 51.4651, 30.5510, 30.0361 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 51.4651, 30.5510, 30.0361 Background



This preview shows how black text looks on a background with the HunterLab color 51.4651, 30.5510, 30.0361.



This preview shows how white text looks on a background with the HunterLab color 51.4651, 30.5510,

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

51.4651, 30.5510, 30.0361

Protanopia

51.5015, -6.4656, 28.5258

Deuteranopia

51.5838, 3.5724, 30.4365



Tritanopia

51.4671, 39.9615, 14.7542

Trichromacy



Original Color

51.4651, 30.5510, 30.0361

Protanomaly

50.7256, 6.3389, 28.5826

Deuteranomaly

51.2230, 13.0681, 30.1267

Tritanomaly

51.4209, 35.7308, 22.4013

Monochromacy



Original Color

51.4651, 30.5510, 30.0361

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.0899, 6.4761, 15.8006

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4651, 30.5510, 30.0361 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(217, 112, 39)` looks like.

```
.text, #text, p{  
    color:rgb(217, 112, 39)  
}
```

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(217, 112, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 112, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4651, 30.5510, 30.0361 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(217, 112, 39) }
```


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

```
.border{ border-color:rgb(217, 112, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 112, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 112, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 112, 39);  
box-shadow:4px 4px 4px 4px rgb(217, 112,  
39) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4651, 30.5510, 30.0361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 112, 39) }
```

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

```
.background{ background-color: rgb(217,  
112, 39) }
```

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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