

Converting Colors

HunterLab(51.3043, 33.3086,
29.8678)

Have a look what the booklet for
HunterLab(51.3043, 33.3086,
29.8678) contains.

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Color

**HunterLab(51.2895, 33.3287,
29.8672)**

Conversions

Conversions Part 1

Format	Color
Hex	DC6D28
RGB	220, 109, 40
RGB Percent	86%, 43%, 16%
CMY	0.1373, 0.5725, 0.8431
CMYK	0.00, 0.50, 0.82, 0.14
HSL	23°, 72%, 51%
HSV	23°, 82%, 86%
XYZ	35.3669, 26.3061, 5.2210
YIQ	134.3230, 88.3050, 2.0730

Conversions

Conversions Part 2

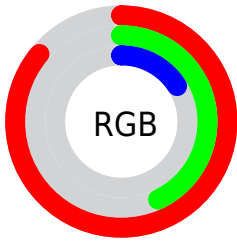
Format	Color
R_{YB}	220, 152, 40
Decimal	14445864
CIE _{Lab}	58.33, 39.25, 55.49
CIE _{LCh}	58, 67.970, 54.724
Yxy	26.3076, 0.5287, 0.3933
Android (android.graphics.Color)	4292635944 (0xFFDC6D28)
YUV	134.3230, -46.5012, 75.1387
Hunter-Lab	51.2895, 33.3287, 29.8672

Details

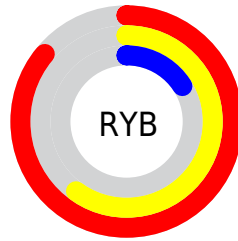
The HunterLab color **51.2895, 33.3287, 29.8672** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **52.6781, -7.9518, -43.8874**, and the grayscale version is **49.1088, -2.6203, 2.6682**.

A 20% lighter version of the original color is **69.1780, 23.5608, 34.5568**, and **32.0862, 30.7100, 20.3090** is the 20% darker color. If you saturate the color by 10%, you get **48.5009, 39.3581, 29.8754**, and if you desaturate by 10%, it is **54.4276, 27.4565, 29.0537**.

Distribution



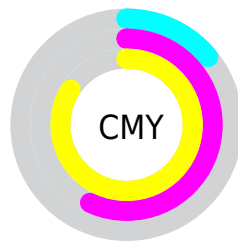
- Red (86%)
- Green (43%)
- Blue (16%)



- Red (86%)
- Yellow (60%)
- Blue (16%)



- Cyan (0%)
- Magenta (50%)
- Yellow (82%)
- Black (14%)



- Cyan (14%)
- Magenta (57%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2895, 33.3287, 29.8672 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 51.2895, 33.3287, 29.8672 by changing the saturation by 10% instead.

51.2895, 33.3287,
29.8672

51.2895, 33.3287,
29.8672

168.6086, 41.2377,
61.4242

41.2963, 31.9617,
25.5812

73.3285, 35.7068,
37.7939

32.0514, 30.4737,
21.0660

85.2930, 36.7430,
41.4974

23.6226, 28.8615,
16.5358

97.8455, 37.6868,
45.0628

16.0984, 27.1537,
11.2689

110.9598, 38.5453,
48.5108

9.6044, 25.4908,
6.7231

124.6126, 39.3245,
51.8581

0.0000, INF, NaN

0.0000, NaN, NaN

138.7836, 40.0298,

55.1187

0.0000, NaN, NaN

153.4544, 40.6662,
58.3042

0.0000, NaN, NaN

■ 51.2895, 33.3287,
29.8672

■ 51.2895, 33.3287,
29.8672

■ 48.5009, 39.3581,
29.8754

■ 54.4276, 27.4565,
29.0537

■ 46.4857, 44.2600,
29.4191

■ 57.8819, 21.8733,
27.4575

■ 61.6237, 16.6432,
25.1438

■ 65.6237, 11.7952,
22.1919

■ 69.8551, 7.3324,
18.6819

■ 74.2938, 3.2409,
14.6879

■ 78.9186, -0.5021,
10.2751

■ 83.7109, -3.9243,
5.4993

■ 88.6547, -7.0544,
0.4078

Harmonies

Analogous

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



51.2909, 57.8857, 20.3010



51.2895, 33.3287, 29.8672



51.2909, 2.4531, 32.4249

Triad

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



51.2909, 33.3249, 29.8678



51.2909, -47.0593, 7.4040



51.2909, 22.5416, -71.8226

Complementary

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



51.2895, 33.3287, 29.8672



52.6781, -7.9518, -43.8874

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.



51.2909, -7.7334, -82.2566



51.2895, 33.3287, 29.8672



51.2909, -43.9754, -24.4939

Square

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



51.2909, 33.3249, 29.8678



51.2909, -40.5756, 24.8504



51.2909, -30.9661, -61.5322



51.2909, 50.7590, -37.9065

Rectangle

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



51.2895, 33.3287, 29.8672



51.2909, -16.0711, 32.0785



51.2909, -30.9661, -61.5322



51.2909, 12.1102, -78.7722

Sweetspot

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



51.2909, 33.3249, 29.8678



86.0148, 5.4229, 19.0216



43.5519, 70.7579, -11.7833



38.9349, 3.3025, 9.5731

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.2909, 33.3249, 29.8678



55.2809, 51.5074, 34.8085



74.9770, -11.4080, 44.4131



37.2368, -0.6265, 4.2642



35.8917, 33.1655, 22.6969



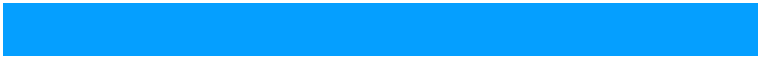
9.9908, 6.3147, 6.2669

Inverse Universe

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



52.6781, -7.9518, -43.8874



56.6718, -2.9649, -64.1097



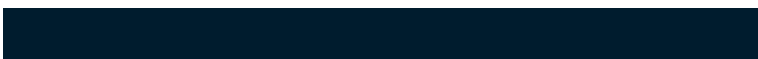
29.9268, 39.8532, -115.0058



37.3463, -3.2029, -0.3048



36.7862, -2.1132, -41.4177



10.2051, -1.8779, -8.7016

Previews

White Background



This preview shows how the HunterLab color 51.2895, 33.3287, 29.8672 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 51.2895, 33.3287, 29.8672 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 51.2895, 33.3287, 29.8672 Background



This preview shows how black text looks on a background with the HunterLab color 51.2895, 33.3287, 29.8672.



This preview shows how white text looks on a background with the HunterLab color 51.2895, 33.3287,

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

51.2895, 33.3287, 29.8672

Protanopia

51.4113, -6.7703, 28.3361

Deuteranopia

51.4695, 3.1882, 30.3561



Tritanopia

51.2785, 42.3423, 15.6104

Trichromacy



Original Color

51.2895, 33.3287, 29.8672

Protanomaly

50.5898, 7.2503, 28.3906

Deuteranomaly

51.1079, 13.9937, 29.9818

Tritanomaly

51.2570, 38.3707, 22.5541

Monochromacy



Original Color

51.2895, 33.3287, 29.8672

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.5661, 7.4491, 15.3378

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2895, 33.3287, 29.8672 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(220, 109, 40)` looks like.

```
.text, #text, p{  
    color:rgb(220, 109, 40)  
}
```

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(220, 109, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 109, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2895, 33.3287, 29.8672 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(220, 109, 40) }
```


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

```
.border{ border-color:rgb(220, 109, 40) }
```

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

Here you see how a box with a 4 pixel rgb(220, 109, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 109, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 109, 40);  
box-shadow:4px 4px 4px 4px rgb(220, 109,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2895, 33.3287, 29.8672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 109, 40) }
```

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

```
.background{ background-color: rgb(220,  
109, 40) }
```

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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