

Converting Colors

HunterLab(50.6622, 33.0956,
29.7606)

Have a look what the booklet for
HunterLab(50.6622, 33.0956,
29.7606) contains.

HunterLab(50.7584, 32.8843, 29.8083)	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(50.7584, 32.8843,
29.8083)**

Conversions

Conversions Part 1

Format	Color
Hex	DA6C25
RGB	218, 108, 37
RGB Percent	85%, 42%, 15%
CMY	0.1451, 0.5764, 0.8549
CMYK	0.00, 0.50, 0.83, 0.15
HSL	24°, 71%, 50%
HSV	24°, 83%, 85%
XYZ	34.6100, 25.7642, 4.8991
YIQ	132.7960, 88.3510, 1.2390

Conversions

Conversions Part 2

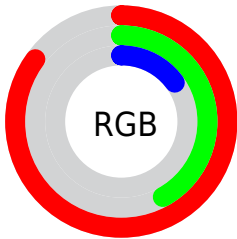
Format	Color
R_{YB}	218, 154, 37
Decimal	14314533
CIE _{Lab}	57.81, 38.88, 56.13
CIE _{LCh}	58, 68.282, 55.286
Yxy	25.7656, 0.5302, 0.3947
Android (android.graphics.Color)	4292504613 (0xFFDA6C25)
YUV	132.7960, -47.2274, 74.7239
Hunter-Lab	50.7584, 32.8843, 29.8083

Details

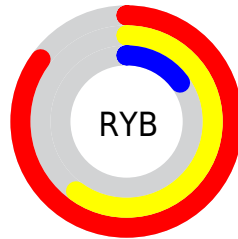
The HunterLab color **50.7584, 32.8843, 29.8083** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **51.3041, -6.7994, -45.1595**, and the grayscale version is **48.5073, -2.5882, 2.6355**.

A 20% lighter version of the original color is **68.8871, 23.8973, 34.9200**, and **31.6136, 30.3502, 20.0115** is the 20% darker color. If you saturate the color by 10%, you get **48.0432, 38.7983, 29.7161**, and if you desaturate by 10%, it is **53.8107, 27.1275, 29.1033**.

Distribution



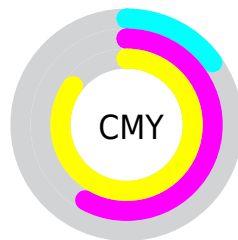
- Red (85%)
- Green (42%)
- Blue (15%)



- Red (85%)
- Yellow (60%)
- Blue (15%)



- Cyan (0%)
- Magenta (50%)
- Yellow (83%)
- Black (15%)



- Cyan (15%)
- Magenta (58%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.7584, 32.8843, 29.8083 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 50.7584, 32.8843, 29.8083 by changing the saturation by 10% instead.

50.7584, 32.8843,
29.8083

50.7584, 32.8843,
29.8083

167.8182, 40.7134,
61.7386

40.8024, 31.5255,
25.4655

72.7300, 35.2452,
37.8380

31.5976, 30.0450,
20.9287

84.6635, 36.2725,
41.5878

23.2129, 28.4397,
16.2491

97.1864, 37.2073,
45.1964

15.7382, 26.7393,
11.0167

110.2724, 38.0567,
48.6848

9.3008, 25.0952,
6.5105

123.8981, 38.8269,
52.0701

0.0000, INF, NaN

0.0000, NaN, NaN

138.0429, 39.5233,

55.3667

0.0000, NaN, NaN

152.6884, 40.1507,
58.5862

0.0000, NaN, NaN

■ 50.7584, 32.8843,
29.8083

■ 50.7584, 32.8843,
29.8083

■ 48.0432, 38.7983,
29.7161

■ 53.8107, 27.1275,
29.1033

■ 46.3515, 42.8986,
29.3126

■ 57.1691, 21.6570,
27.6139

■ 60.8066, 16.5360,
25.3990

■ 64.6954, 11.7937,
22.5343

■ 68.8100, 7.4338,
19.0980

■ 73.1273, 3.4436,
15.1632

■ 77.6266, -0.1993,
10.7956

■ 82.2903, -3.5213,
6.0516

■ 87.1026, -6.5508,
0.9793

Harmonies

Analogous

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



50.7598, 57.7804, 20.5236



50.7584, 32.8843, 29.8083



50.7598, 1.9261, 32.2311

Triad

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



50.7598, 32.8805, 29.8089



50.7598, -46.9935, 6.9091



50.7598, 23.2097, -71.8052

Complementary

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



50.7584, 32.8843, 29.8083



51.3041, -6.7994, -45.1595

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.



50.7598, -7.1877, -82.9212



50.7584, 32.8843, 29.8083



50.7598, -43.7457, -25.3240

Square

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



50.7598, 32.8805, 29.8089



50.7598, -40.7208, 24.5570



50.7598, -30.5847, -62.5262



50.7598, 51.3795, -37.3861

Rectangle

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



50.7584, 32.8843, 29.8083



50.7598, -16.5176, 31.8521



50.7598, -30.5847, -62.5262



50.7598, 12.7495, -78.9905

Sweetspot

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



50.7598, 32.8805, 29.8089



86.1842, 5.1221, 19.1877



42.8793, 70.5326, -11.4379



39.0232, 3.1438, 9.6575

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.7598, 32.8805, 29.8089



55.1191, 51.8640, 34.8721



74.1069, -11.2114, 44.0676



37.2629, -0.6708, 4.2926



36.1484, 32.4913, 22.8433



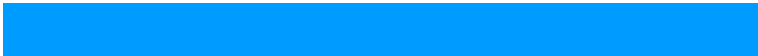
10.0566, 6.1611, 6.3047

Inverse Universe

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



51.3041, -6.7994, -45.1595



55.3632, -0.9170, -67.2197



29.1435, 40.4856, -116.2746



37.3194, -3.1591, -0.3373



36.3490, -1.3843, -42.4447



10.1091, -1.7303, -8.9003

Previews

White Background



This preview shows how the HunterLab color 50.7584, 32.8843, 29.8083 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 50.7584, 32.8843, 29.8083 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 50.7584, 32.8843, 29.8083 Background



This preview shows how black text looks on a background with the HunterLab color 50.7584, 32.8843, 29.8083.



This preview shows how white text looks on a background with the HunterLab color 50.7584, 32.8843,

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

50.7584, 32.8843, 29.8083

Protanopia

51.0035, -6.7946, 28.4232

Deuteranopia

50.8008, 3.6579, 30.2267



Tritanopia

50.7565, 41.9278, 15.4373

Trichromacy



Original Color

50.7584, 32.8843, 29.8083

Protanomaly

50.1889, 7.2276, 28.4650

Deuteranomaly

50.3349, 14.0571, 29.8154

Tritanomaly

50.7203, 37.8939, 22.5856

Monochromacy



Original Color

50.7584, 32.8843, 29.8083

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.1556, 7.3658, 15.5752

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.7584, 32.8843, 29.8083 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(218, 108, 37)` looks like.

```
.text, #text, p{  
    color:rgb(218, 108, 37)  
}
```

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(218, 108, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 108, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 50.7584, 32.8843, 29.8083 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(218, 108, 37) }
```


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

```
.border{ border-color:rgb(218, 108, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 108, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 108, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 108, 37);  
box-shadow:4px 4px 4px 4px rgb(218, 108,  
37) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.7584, 32.8843, 29.8083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 108, 37) }
```

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

```
.background{ background-color: rgb(218,  
108, 37) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor