

Converting Colors

HunterLab(50.8487, 33.7068,
29.8530)

Have a look what the booklet for
HunterLab(50.8487, 33.7068,
29.8530) contains.

HunterLab(50.7041, 33.7965, 29.7886)	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(50.7041, 33.7965,
29.7886)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6B25
RGB	219, 107, 37
RGB Percent	86%, 42%, 15%
CMY	0.1412, 0.5804, 0.8549
CMYK	0.00, 0.51, 0.83, 0.14
HSL	23°, 72%, 50%
HSV	23°, 83%, 86%
XYZ	34.8051, 25.7091, 4.8782
YIQ	132.5080, 89.2220, 1.9740

Conversions

Conversions Part 2

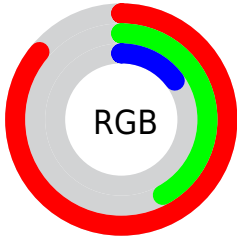
Format	Color
RYB	219, 151, 37
Decimal	14379813
CIELab	57.76, 39.78, 56.14
CIELCh	58, 68.805, 54.678
Yxy	25.7105, 0.5322, 0.3932
Android (android.graphics.Color)	4292569893 (0xFFDB6B25)
YUV	132.5080, -47.0854, 75.8535
Hunter-Lab	50.7041, 33.7965, 29.7886

Details

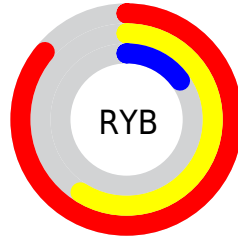
The HunterLab color **50.7041, 33.7965, 29.7886** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **51.9626, -7.4745, -44.5795**, and the grayscale version is **48.3926, -2.5821, 2.6293**.

A 20% lighter version of the original color is **68.6340, 24.4203, 34.7439**, and **31.6172, 31.1549, 20.0278** is the 20% darker color. If you saturate the color by 10%, you get **47.9761, 39.7941, 29.6960**, and if you desaturate by 10%, it is **53.7813, 27.9385, 29.0819**.

Distribution



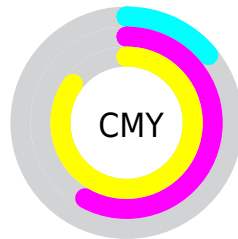
- Red (86%)
- Green (42%)
- Blue (15%)



- Red (86%)
- Yellow (59%)
- Blue (15%)



- Cyan (0%)
- Magenta (51%)
- Yellow (83%)
- Black (14%)



- Cyan (14%)
- Magenta (58%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.7041, 33.7965, 29.7886 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 50.7041, 33.7965, 29.7886 by changing the saturation by 10% instead.

50.7041, 33.7965,
29.7886

50.7041, 33.7965,
29.7886

167.7373, 41.9192,
61.7300

40.7519, 32.4022,
25.4437

72.6688, 36.2276,
37.8218

31.5512, 30.8870,
20.9078

84.5991, 37.2890,
41.5730

23.1711, 29.2497,
16.2198

97.1190, 38.2573,
45.1829

15.7015, 27.5247,
10.9910

110.2021, 39.1393,
48.6724

9.2694, 25.8822,
6.4886

123.8250, 39.9414,
52.0588

0.0000, INF, NaN

0.0000, NaN, NaN

137.9671, 40.6689,

55.3563

0.0000, NaN, NaN

152.6101, 41.3268,
58.5767

0.0000, NaN, NaN

■ 50.7041, 33.7965,
29.7886

■ 50.7041, 33.7965,
29.7886

■ 47.9761, 39.7941,
29.6960

■ 53.7813, 27.9385,
29.0819

■ 46.3007, 43.8911,
29.2987

■ 57.1753, 22.3577,
27.5902

■ 60.8577, 17.1227,
25.3746

■ 64.7993, 12.2661,
22.5128

■ 68.9734, 7.7933,
19.0847

■ 73.3558, 3.6923,
15.1646

■ 77.9251, -0.0591,
10.8186

■ 82.6627, -3.4878,
6.1035

■ 87.5526, -6.6224,
1.0673

Harmonies

Analogous

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



50.7055, 58.6763, 20.3089



50.7041, 33.7965, 29.7886



50.7055, 2.5773, 32.2805

Triad

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



50.7055, 33.7927, 29.7892



50.7055, -47.1965, 7.4452



50.7055, 22.7806, -73.1409

Complementary

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



50.7041, 33.7965, 29.7886



51.9626, -7.4745, -44.5795

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.



50.7055, -7.7857, -83.7551



50.7041, 33.7965, 29.7886



50.7055, -44.1329, -24.8101

Square

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



50.7055, 33.7927, 29.7892



50.7055, -40.7051, 24.8714



50.7055, -31.1282, -62.5404



50.7055, 51.3813, -38.5693

Rectangle

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



50.7041, 33.7965, 29.7886



50.7055, -16.0980, 31.9495



50.7055, -31.1282, -62.5404



50.7055, 12.2335, -80.2280

Sweetspot

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



50.7055, 33.7927, 29.7892



86.0391, 5.3798, 19.0454



43.0821, 70.9392, -11.4769



38.9476, 3.2798, 9.5852

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.7055, 33.7927, 29.7892



54.7826, 52.7616, 34.6804



74.4816, -11.2623, 44.3046



37.2405, -0.6328, 4.2683



35.9282, 33.0693, 22.7177



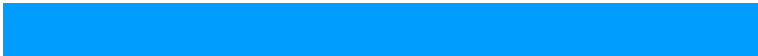
10.0002, 6.2927, 6.2723

Inverse Universe

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



51.9626, -7.4745, -44.5795



55.9510, -1.9102, -65.8103



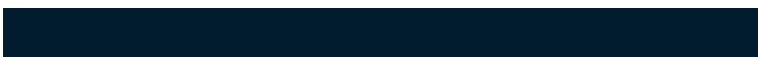
29.2536, 40.7855, -117.0879



37.3424, -3.1966, -0.3095



36.7233, -2.0089, -41.5642



10.1913, -1.8568, -8.7300

Previews

White Background



This preview shows how the HunterLab color 50.7041, 33.7965, 29.7886 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 50.7041, 33.7965, 29.7886 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 50.7041, 33.7965, 29.7886 Background



This preview shows how black text looks on a background with the HunterLab color 50.7041, 33.7965, 29.7886.



This preview shows how white text looks on a background with the HunterLab color 50.7041, 33.7965,

29.7886.

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

50.7041, 33.7965, 29.7886

Protanopia

51.0035, -6.7946, 28.4232

Deuteranopia

50.8008, 3.6579, 30.2267



Tritanopia

50.7006, 42.7190, 15.7229

Trichromacy



Original Color

50.7041, 33.7965, 29.7886

Protanomaly

50.1889, 7.2276, 28.4650

Deuteranomaly

50.4640, 14.4626, 29.9057

Tritanomaly

50.6773, 38.7936, 22.5669

Monochromacy



Original Color

50.7041, 33.7965, 29.7886

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 50.7041, 33.7965, 29.7886 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(219, 107, 37)` looks like.

```
.text, #text, p{  
    color:rgb(219, 107, 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(219, 107, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 107, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 50.7041, 33.7965, 29.7886 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(219, 107, 37) }
```


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

```
.border{ border-color:rgb(219, 107, 37) }
```

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

Here you see how a box with a 4 pixel rgb(219, 107, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 107, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 107, 37);  
box-shadow:4px 4px 4px 4px rgb(219, 107,  
37) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.7041, 33.7965, 29.7886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 107, 37) }
```

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

```
.background{ background-color: rgb(219,  
107, 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