

# Converting Colors

HunterLab(42.4495, 28.3286,  
26.6531)

Have a look what the booklet for  
HunterLab(42.4495, 28.3286,  
26.6531) contains.

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# Color

**HunterLab(42.4308, 28.3732,  
26.6424)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC5A00
RGB	188, 90, 0
RGB Percent	74%, 35%, 0%
CMY	0.2627, 0.6470, 1.0000
CMYK	0.00, 0.52, 1.00, 0.26
HSL	29°, 100%, 37%
HSV	29°, 100%, 74%
XYZ	24.3952, 18.0037, 2.1893
YIQ	109.0420, 87.2980, -7.2140

# Conversions

## Conversions Part 2

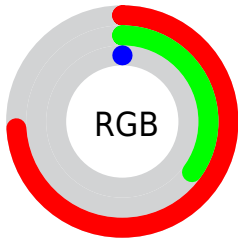
Format	Color
<a href="#">RYB</a>	<a href="#">188, 173, 0</a>
Decimal	<a href="#">12343808</a>
CIELab	<a href="#">49.50, 35.42, 58.55</a>
CIElCh	<a href="#">50, 68.428, 58.826</a>
Yxy	<a href="#">18.0047, 0.5471, 0.4038</a>
Android (android.graphics.Color)	<a href="#">4290533888</a> ( <a href="#">0xFFBC5A00</a> )
YUV	<a href="#">109.0420, -53.7577, 69.2462</a>
Hunter-Lab	<a href="#">42.4308, 28.3732, 26.6424</a>

# Details

The HunterLab color **42.4308, 28.3732, 26.6424** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **35.1649, 6.7070, -58.4311**, and the grayscale version is **39.2981, -2.0969, 2.1351**.

A 20% lighter version of the original color is **63.3973, 30.6754, 35.4733**, and **24.6939, 25.7840, 15.6677** is the 20% darker color. If you saturate the color by 10%, you get **42.4315, 28.3709, 26.6428**, and if you desaturate by 10%, it is **44.5138, 23.9279, 27.0391**.

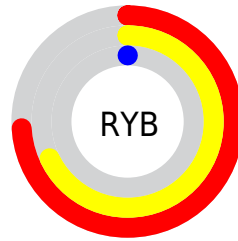
# Distribution



Red (74%)

Green (35%)

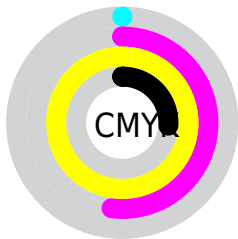
Blue (0%)



Red (74%)

Yellow (68%)

Blue (0%)

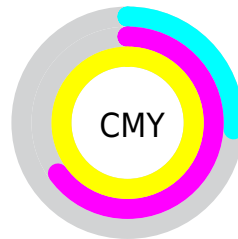


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (65%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4308, 28.3732, 26.6424 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 42.4308, 28.3732, 26.6424 by changing the saturation by 10% instead.



42.4308, 28.3732,  
26.6424

42.4308, 28.3732,  
26.6424

155.2088, 35.7025,  
60.7987

33.0959, 27.0484,  
21.9698

63.2814, 30.6469,  
35.3466

24.5672, 25.5945,  
17.1971

74.7017, 31.6225,  
39.3847

16.9313, 24.0166,  
11.8519

86.7367, 32.5020,  
43.2536

10.3079, 22.3887,  
7.2155

99.3565, 33.2933,  
46.9782

0.0000, INF, NaN

0.0000, NaN, NaN

112.5351, 34.0034,  
50.5792


0.0000, NaN, NaN


126.2498, 34.6383,


0.0000, NaN, NaN


54.0738


0.0000, NaN, NaN


 140.4804, 35.2031,  
57.4763

 42.4308, 28.3732,  
26.6424


 42.4308, 28.3732,  
26.6424


 42.4315, 28.3709,  
26.6428

 44.5138, 23.9279,  
27.0391

 46.7927, 19.6440,  
26.8961

 49.2657, 15.6255,  
26.0656

 51.9197, 11.9131,  
24.5578

 54.7411, 8.5247,  
22.4098

■ 57.7165, 5.4622,  
19.6710

■ 60.8329, 2.7169,  
16.3946

■ 64.0784, 0.2735,  
12.6337

■ 67.4424, -1.8867,  
8.4377

# Harmonies

## Analogous

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



42.4320, 54.0170, 19.9866



42.4308, 28.3732, 26.6424



42.4320, -1.1885, 28.0242

# Triad

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



42.4320, 28.3700, 26.6429



42.4320, -42.9419, 3.3173



42.4320, 26.0349, -68.5667

# Complementary

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



42.4308, 28.3732, 26.6424



35.1649, 6.7070, -58.4311

# 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.



42.4320, -3.3335, -83.7191



42.4308, 28.3732, 26.6424



42.4320, -39.0757, -29.3943

# Square

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



42.4320, 28.3700, 26.6429



42.4320, -38.4061, 20.8454



42.4320, -26.1041, -66.1951



42.4320, 52.4471, -32.3941



# Rectangle

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



42.4308, 28.3732, 26.6424



42.4320, -17.8706, 27.5772



42.4320, -26.1041, -66.1951



42.4320, 15.9799, -77.0142

# Sweetspot

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



42.4320, 28.3700, 26.6429



81.6845, 3.8302, 22.3046



34.0833, 61.0827, 0.9795



37.0505, 2.4794, 11.2383



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053



# Same Dimension

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



42.4320, 28.3700, 26.6429



56.6967, 39.2153, 35.6228



66.3611, -15.4993, 40.6199



32.0463, -0.9549, 3.8621



35.2215, 22.9126, 22.1044



7.8547, 2.5940, 4.8855



# Inverse Universe

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



35.1649, 6.7070, -58.4311



46.8137, 10.0389, -80.1842



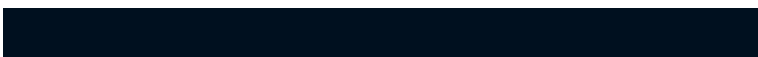
19.4087, 50.1420, -132.5006



31.6638, -2.3257, -0.5132



29.2723, 5.0479, -47.4848



6.8260, -0.7890, -6.8288



# Previews

## White Background



This preview shows how the HunterLab color 42.4308, 28.3732, 26.6424 looks on a white 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



# Black Background



This preview shows how the HunterLab color 42.4308, 28.3732, 26.6424 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 42.4308, 28.3732, 26.6424 Background



This preview shows how black text looks on a background with the HunterLab color 42.4308, 28.3732, 26.6424.



This preview shows how white text looks on a background with the HunterLab color 42.4308, 28.3732,



# 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

42.4308, 28.3732, 26.6424

### Protanopia

42.6857, -6.2414, 25.4568

### Deuteranopia

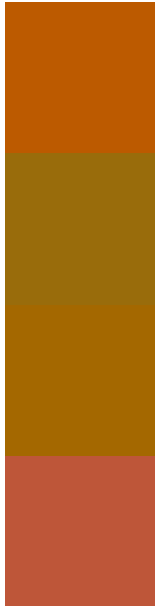
42.5116, 2.7454, 26.2435



## Tritanopia

42.5891, 36.3660, 13.7224

# Trichromacy



## Original Color

42.4308, 28.3732, 26.6424

## Protanomaly

41.8588, 5.8925, 25.4479

## Deuteranomaly

42.1819, 11.9160, 26.2009

## Tritanomaly

42.3062, 32.7174, 21.2168

# Monochromacy



## Original Color

42.4308, 28.3732, 26.6424

## Achromatopsia

39.1058, -2.0866, 2.1247

## Achromatomaly

39.1608, 5.7970, 15.7080

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 42.4308, 28.3732, 26.6424 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(188, 90, 0)` looks like.

```
.text, #text, p{  
    color:rgb(188, 90, 0)  
}
```

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(188, 90, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 90, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 42.4308, 28.3732, 26.6424 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(188, 90, 0) }
```



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

```
.border{ border-color:rgb(188, 90, 0) }
```

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

Here you see how a box with a 4 pixel rgb(188, 90, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 90, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 90, 0);  
box-shadow:4px 4px 4px 4px rgb(188, 90, 0)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 42.4308, 28.3732, 26.6424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 90, 0) }
```

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

```
.background{ background-color: rgb(188, 90,  
0) }
```

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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