

# Converting Colors

HunterLab(42.9090, 23.9462,  
26.8623)

Have a look what the booklet for  
HunterLab(42.9090, 23.9462,  
26.8623) contains.

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# Color

**HunterLab(42.8658, 24.3391,  
26.8398)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B85F00
RGB	184, 95, 0
RGB Percent	72%, 37%, 0%
CMY	0.2784, 0.6274, 1.0000
CMYK	0.00, 0.48, 1.00, 0.28
HSL	31°, 100%, 36%
HSV	31°, 100%, 72%
XYZ	23.8594, 18.3748, 2.2892
YIQ	110.7810, 83.5390, -10.6770

# Conversions

## Conversions Part 2

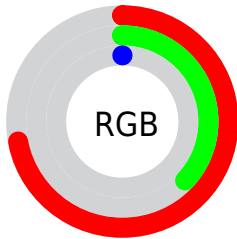
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 184, 0
Decimal	12082944
CIE <sub>Lab</sub>	49.95, 31.15, 58.50
CIE <sub>LCh</sub>	50, 66.279, 61.966
Yxy	18.3758, 0.5359, 0.4127
Android (android.graphics.Color)	4290273024 (0xFFB85F00)
YUV	110.7810, -54.6150, 64.2131
Hunter-Lab	42.8658, 24.3391, 26.8398

# Details

The HunterLab color **42.8658, 24.3391, 26.8398** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **32.5656, 10.0127, -62.3181**, and the grayscale version is **39.9671, -2.1325, 2.1715**.

A 20% lighter version of the original color is **63.8812, 25.9903, 35.5884**, and **24.9781, 22.6710, 15.7883** is the 20% darker color. If you saturate the color by 10%, you get **42.8664, 24.3372, 26.8402**, and if you desaturate by 10%, it is **44.8519, 20.2884, 27.2130**.

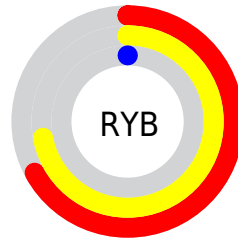
# Distribution



Red (72%)

Green (37%)

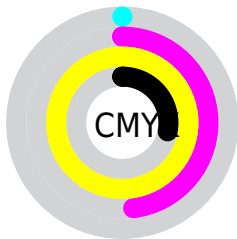
Blue (0%)



Red (67%)

Yellow (72%)

Blue (0%)

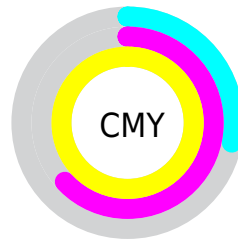


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (63%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8658, 24.3391, 26.8398 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 42.8658, 24.3391, 26.8398 by changing the saturation by 10% instead.



42.8658, 24.3391,  
26.8398

42.8658, 24.3391,  
26.8398

155.8784, 30.1719,  
60.9151

33.4964, 23.2006,  
22.1637

63.7782, 26.2485,  
35.5176

24.9301, 21.9296,  
17.4510

75.2267, 27.0486,  
39.5448

17.2520, 20.5180,  
12.0764

87.2884, 27.7574,  
43.4041

10.5800, 18.9976,  
7.4060

99.9337, 28.3828,  
47.1202

0.0000, INF, NaN

0.0000, NaN, NaN

113.1368, 28.9316,  
50.7137

0.0000, NaN, NaN

126.8749, 29.4096,

0.0000, NaN, NaN

54.2016

0.0000, NaN, NaN

■ 141.1281, 29.8215,  
57.5981

■ 42.8658, 24.3391,  
26.8398

■ 42.8658, 24.3391,  
26.8398

■ 42.8664, 24.3372,  
26.8402

■ 44.8519, 20.2884,  
27.2130

■ 46.9994, 16.4259,  
27.0606

■ 49.3100, 12.8396,  
26.2323

■ 51.7744, 9.5595,  
24.7312

■ 54.3825, 6.5977,  
22.5856

■ 57.1240, 3.9535,  
19.8373

■ 59.9889, 1.6179,  
16.5335

■ 62.9678, -0.4235,  
12.7222

■ 66.0520, -2.1880,  
8.4500

# Harmonies

## Analogous

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



42.8670, 49.9683, 20.8604



42.8658, 24.3391, 26.8398



42.8670, -4.0208, 27.9939

# Triad

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



42.8670, 24.3360, 26.8403



42.8670, -42.2045, 0.6398



42.8670, 28.1042, -62.3707

# Complementary

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



42.8658, 24.3391, 26.8398



32.5656, 10.0127, -62.3181

# 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.



42.8670, -0.5304, -79.6784



42.8658, 24.3391, 26.8398



42.8670, -37.4735, -32.0064

# Square

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



42.8670, 24.3360, 26.8403



42.8670, -38.5854, 19.4158



42.8670, -23.6748, -66.1287



42.8670, 52.4890, -27.2116



# Rectangle

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



42.8658, 24.3391, 26.8398



42.8670, -19.7072, 27.3236



42.8670, -23.6748, -66.1287



42.8670, 18.4473, -71.1807

# Sweetspot

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



42.8670, 24.3360, 26.8403



80.5705, 2.3274, 22.5021



33.1106, 59.0358, 3.3043



36.6526, 1.6724, 11.3453



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515



# Same Dimension

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



42.8670, 24.3360, 26.8403



57.2964, 33.7281, 35.8963



66.6866, -17.9115, 40.7783



31.2386, -1.0822, 3.8435



35.7863, 19.7505, 22.3971



7.5816, 1.8914, 4.7048



# Inverse Universe

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



32.5656, 10.0127, -62.3181



43.3009, 14.5918, -85.6218



18.6033, 50.4590, -132.1779



30.6873, -2.1087, -0.6017



27.2933, 7.7931, -50.9374



6.2180, -0.5046, -6.6827



# Previews

## White Background



This preview shows how the HunterLab color 42.8658, 24.3391, 26.8398 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

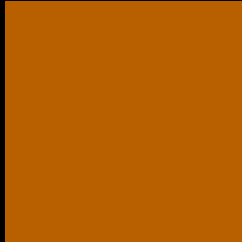
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 42.8658, 24.3391, 26.8398 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

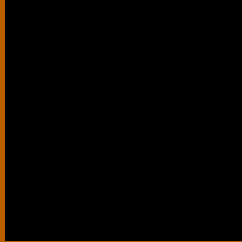
Any Text WCAG AA ✓ Pass

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 42.8658, 24.3391, 26.8398 Background



This preview shows how black text looks on a background with the HunterLab color 42.8658, 24.3391, 26.8398.



This preview shows how white text looks on a background with the HunterLab color 42.8658, 24.3391,



# 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

42.8658, 24.3391, 26.8398

### Protanopia

43.1523, -6.0164, 25.8114

### Deuteranopia

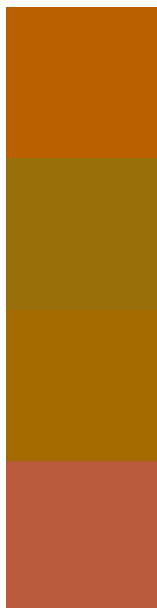
42.8831, 2.6583, 26.4709



## Tritanopia

42.8397, 33.3797, 12.3259

# Trichromacy



## Original Color

42.8658, 24.3391, 26.8398

## Protanomaly

42.6182, 4.4779, 25.9400

## Deuteranomaly

42.5377, 10.5683, 26.3966

## Tritanomaly

42.7171, 28.9024, 20.8946

# Monochromacy



## Original Color

42.8658, 24.3391, 26.8398

## Achromatopsia

39.8699, -2.1274, 2.1662

## Achromatomaly

39.9517, 4.5651, 15.8512

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 42.8658, 24.3391, 26.8398 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(184, 95, 0)` looks like.

```
.text, #text, p{  
    color:rgb(184, 95, 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(184, 95, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 95, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 42.8658, 24.3391, 26.8398 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(184, 95, 0) }
```



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

```
.border{ border-color:rgb(184, 95, 0) }
```

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

Here you see how a box with a 4 pixel rgb(184, 95, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 95, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 95, 0);  
box-shadow:4px 4px 4px 4px rgb(184, 95, 0)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 42.8658, 24.3391, 26.8398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 95, 0) }
```

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

```
.background{ background-color: rgb(184, 95,  
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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