

Converting Colors

HunterLab(65.9139, -6.4673,
40.5026)

Have a look what the booklet for
HunterLab(65.9139, -6.4673,
40.5026) contains.

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Color

**HunterLab(65.9525, -6.5297,
40.5253)**

Conversions

Conversions Part 1

Format	Color
Hex	CCAF00
RGB	204, 175, 0
RGB Percent	80%, 69%, 0%
CMY	0.2000, 0.3137, 0.9999
CMYK	0.00, 0.14, 1.00, 0.20
HSL	51°, 100%, 40%
HSV	51°, 100%, 80%
XYZ	40.2318, 43.4973, 6.2754
YIQ	163.7210, 73.4590, -48.2770

Conversions

Conversions Part 2

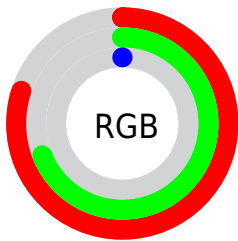
Format	Color
R_{YB}	34, 204, 0
Decimal	13414144
CIE Lab	71.89, -3.43, 74.28
CIE LCh	72, 74.360, 92.642
Yxy	43.4994, 0.4470, 0.4833
Android (android.graphics.Color)	4291604224 (0xFFCCAF00)
YUV	163.7210, -80.7145, 35.3247
Hunter-Lab	65.9525, -6.5297, 40.5253

Details

The HunterLab color **65.9525, -6.5297, 40.5253** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **22.8889, 48.3711, -133.0256**, and the grayscale version is **61.1162, -3.2610, 3.3206**.

A 20% lighter version of the original color is **88.5540, -11.9581, 49.4046**, and **44.9285, -4.0916, 27.6131** is the 20% darker color. If you saturate the color by 10%, you get **65.9533, -6.5314, 40.5258**, and if you desaturate by 10%, it is **66.8523, -7.6973, 40.4549**.

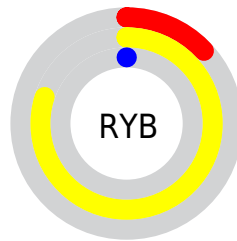
Distribution



Red (80%)

Green (69%)

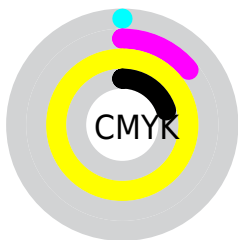
Blue (0%)



Red (13%)

Yellow (80%)

Blue (0%)

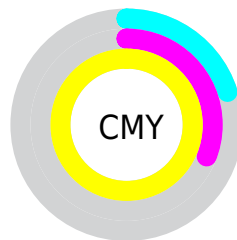


Cyan (0%)

Magenta (14%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.9525, -6.5297, 40.5253 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 65.9525, -6.5297, 40.5253 by changing the saturation by 10% instead.

65.9525, -6.5297,
40.5253

65.9525, -6.5297,
40.5253

189.9109,
-14.4450, 79.5820

55.0247, -5.7690,
35.3469

89.7017, -8.1314,
50.2400

44.7762, -5.0298,
29.9328

102.4573, -8.9662,
54.8197

35.2572, -4.3144,
24.6801

115.7661, -9.8242,
59.2430

26.5287, -3.6219,
18.5701

129.6059,
-10.7047, 63.5284

18.6700, -2.9499,
13.0690

143.9570,
-11.6075, 67.6920

11.7909, -2.2924,
8.2536

158.8020,

4.5774, -3.5075,

-12.5321, 71.7477

3.2042

174.1247,
-13.4781, 75.7076

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.9525, -6.5297,
40.5253

■ 65.9525, -6.5297,
40.5253

■ 65.9533, -6.5314,
40.5258

■ 66.8523, -7.6973,
40.4549

■ 67.7971, -8.6366,
39.8050

■ 68.8003, -9.2823,
38.4008

■ 69.8667, -9.6059,
36.1737

■ 70.9994, -9.5884,

33.0806

■ 72.2007, -9.2180,
29.0968

■ 73.4718, -8.4881,
24.2123

■ 74.8133, -7.3973,
18.4285

■ 76.2253, -5.9477,
11.7565

Harmonies

Analogous

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



65.9541, 29.5700, 38.5217



65.9525, -6.5297, 40.5253



65.9541, -35.4328, 37.5647

Triad

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



65.9541, -6.5325, 40.5258



65.9541, -50.3404, -39.9558



65.9541, 65.7914, -32.1974

Complementary

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



65.9525, -6.5297, 40.5253



22.8889, 48.3711, -133.0256

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.



65.9541, 35.9127, -74.0008



65.9525, -6.5297, 40.5253



65.9541, -31.1529, -79.8638

Square

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



65.9541, -6.5325, 40.5258



65.9541, -57.2802, 0.6350



65.9541, -0.4579, -94.7278



65.9541, 76.0453, 6.4144

Rectangle

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



65.9525, -6.5297, 40.5253



65.9541, -48.1495, 31.4226



65.9541, -0.4579, -94.7278



65.9541, 57.4460, -46.8914

Sweetspot

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



65.9541, -6.5325, 40.5258



94.4838, -10.9699, 31.4324



35.9647, 61.8573, 21.1507



43.3849, -5.2834, 15.8407

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.9541, -6.5325, 40.5258



84.7320, -8.1733, 52.0683



69.3830, -41.1435, 42.0327



35.7970, -2.7442, 5.3155



52.4240, -5.3422, 32.2099



12.2238, -1.7180, 7.5022

Inverse Universe

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



22.8889, 48.3711, -133.0256



29.1490, 63.4310, -173.3630



23.9065, 59.1719, -125.9110



33.3121, -0.8097, -1.8606



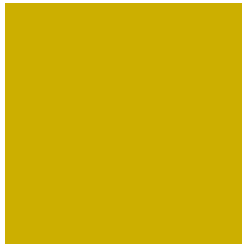
18.3828, 37.5264, -103.9856



5.0949, 5.5501, -18.3494

Previews

White Background



This preview shows how the HunterLab color 65.9525, -6.5297, 40.5253 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 65.9525, -6.5297, 40.5253 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 65.9525, -6.5297, 40.5253 Background



This preview shows how black text looks on a background with the HunterLab color 65.9525, -6.5297, 40.5253.

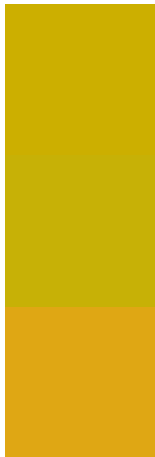


This preview shows how white text looks on a background with the HunterLab color 65.9525, -6.5297,

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

65.9525, -6.5297, 40.5253

Protanopia

66.0300, -9.2898, 40.3700

Deuteranopia

65.8604, 5.0167, 40.0749



Tritanopia

66.0194, 15.7779, 4.5337

Trichromacy



Original Color

65.9525, -6.5297, 40.5253

Protanomaly

65.9370, -8.0938, 40.3851

Deuteranomaly

65.8616, 0.6488, 40.2522

Tritanomaly

65.1819, 4.4161, 26.5625

Monochromacy



Original Color

65.9525, -6.5297, 40.5253

Achromatopsia

60.9293, -3.2510, 3.3104

Achromatomaly

62.1196, -7.8736, 25.6398

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.9525, -6.5297, 40.5253 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(204, 175, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 175, 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(204, 175, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 175, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 65.9525, -6.5297, 40.5253 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(204, 175, 0) }
```


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

```
.border{ border-color:rgb(204, 175, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 175, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 175, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 175, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 175,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.9525, -6.5297, 40.5253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 175, 0) }
```

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

```
.background{ background-color: rgb(204,  
175, 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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