

Converting Colors

HunterLab(65.2629, 0.8077,
39.4580)

Have a look what the booklet for
HunterLab(65.2629, 0.8077,
39.4580) contains.

HunterLab(65.3743, 0.5034, 39.5084)	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(65.3743, 0.5034,
39.5084)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A918
RGB	214, 169, 24
RGB Percent	84%, 66%, 9%
CMY	0.1608, 0.3372, 0.9058
CMYK	0.00, 0.21, 0.89, 0.16
HSL	46°, 80%, 47%
HSV	46°, 89%, 84%
XYZ	42.0844, 42.7380, 6.8954
YIQ	165.9250, 73.3650, -35.5550

Conversions

Conversions Part 2

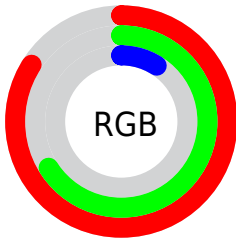
Format	Color
RYB	83, 214, 24
Decimal	14067992
CIELab	71.38, 4.47, 70.93
CIELCh	71, 71.070, 86.398
Yxy	42.7401, 0.4588, 0.4660
Android (android.graphics.Color)	4292258072 (0xFFD6A918)
YUV	165.9250, -69.9690, 42.1618
Hunter-Lab	65.3743, 0.5034, 39.5084

Details

The HunterLab color **65.3743, 0.5034, 39.5084** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **30.5055, 32.2956, -104.2837**, and the grayscale version is **61.9798, -3.3071, 3.3675**.

A 20% lighter version of the original color is **86.7522, -8.5756, 47.1437**, and **44.2635, 1.9328, 27.3088** is the 20% darker color. If you saturate the color by 10%, you get **63.8987, 2.7379, 39.3525**, and if you desaturate by 10%, it is **66.9248, -1.4612, 38.9770**.

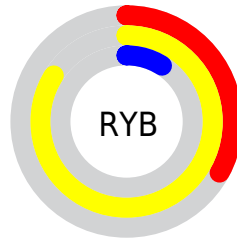
Distribution



Red (84%)

Green (66%)

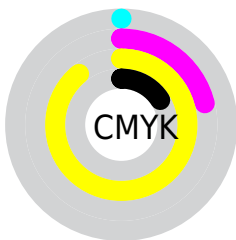
Blue (9%)



Red (33%)

Yellow (84%)

Blue (9%)

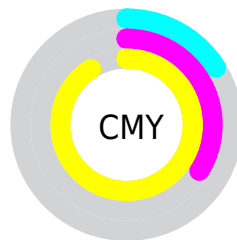


Cyan (0%)

Magenta (21%)

Yellow (89%)

Black (16%)



Cyan (16%)

Magenta (34%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.3743, 0.5034, 39.5084 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 65.3743, 0.5034, 39.5084 by changing the saturation by 10% instead.

65.3743, 0.5034,
39.5084

65.3743, 0.5034,
39.5084

189.0878, -4.4454,
77.0509

54.4805, 0.8527,
34.5235

89.0609, -0.3410,
48.8462

44.2682, 1.1535,
29.3000

101.7875, -0.8235,
53.2458

34.7883, 1.3970,
24.3027

115.0683, -1.3437,
57.4951

26.1024, 1.5749,
18.2717

128.8813, -1.8994,
61.6127

18.2911, 1.6756,
12.8038

143.2066, -2.4890,
65.6144

11.4662, 1.6806,
8.0264

158.0265, -3.1107,

3.9061, 4.7729,

69.5138

2.7343

173.3251, -3.7633,
73.3226

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.3743, 0.5034,
39.5084

■ 65.3743, 0.5034,
39.5084

■ 63.8987, 2.7379,
39.3525

■ 66.9248, -1.4612,
38.9770

■ 63.7214, 3.0180,
39.3177

■ 68.5536, -3.0915,
37.6216

■ 70.2653, -4.3659,
35.3920

■ 72.0611, -5.2710,
32.2656

■ 73.9408, -5.8012,

28.2399

■ 75.9037, -5.9569,
23.3261

■ 77.9483, -5.7432,
17.5462

■ 80.0727, -5.1687,
10.9290

■ 82.2748, -4.2444,
3.5088

Harmonies

Analogous

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



65.3759, 35.0130, 36.3204



65.3743, 0.5034, 39.5084



65.3759, -29.1314, 37.6371

Triad

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



65.3759, 0.5004, 39.5089



65.3759, -50.7636, -28.9565



65.3759, 57.4557, -38.8790

Complementary

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



65.3743, 0.5034, 39.5084



30.5055, 32.2956, -104.2837

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.



65.3759, 26.8319, -75.7358



65.3743, 0.5034, 39.5084



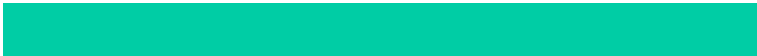
65.3759, -34.7386, -68.2981

Square

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



65.3759, 0.5004, 39.5089



65.3759, -55.0966, 7.2014



65.3759, -7.3904, -88.5247



65.3759, 71.7164, -0.3067

Rectangle

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



65.3743, 0.5034, 39.5084



65.3759, -43.0304, 32.8030



65.3759, -7.3904, -88.5247



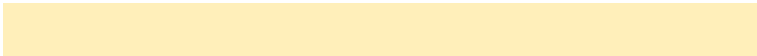
65.3759, 48.4731, -52.4895

Sweetspot

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



65.3759, 0.5004, 39.5089



92.9334, -7.2536, 27.4476



39.2570, 64.1251, 16.1800



42.6057, -3.3602, 13.7360

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.3759, 0.5004, 39.5089



77.5346, 3.9844, 47.8462



75.0467, -36.0896, 44.9285



37.4142, -2.4415, 5.3254



49.7093, 2.0498, 30.6665



12.7026, -0.3476, 7.8212

Inverse Universe

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



30.5055, 32.2956, -104.2837



32.3923, 51.7962, -152.3006



26.2059, 56.9938, -126.7876



35.3290, -1.3018, -1.6435



21.1740, 31.3208, -94.0783



6.3234, 4.5704, -17.7699

Previews

White Background



This preview shows how the HunterLab color 65.3743, 0.5034, 39.5084 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 65.3743, 0.5034, 39.5084 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 65.3743, 0.5034, 39.5084 Background



This preview shows how black text looks on a background with the HunterLab color 65.3743, 0.5034, 39.5084.



This preview shows how white text looks on a background with the HunterLab color 65.3743, 0.5034,

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

65.3743, 0.5034, 39.5084

Protanopia

65.2724, -8.8250, 39.1783

Deuteranopia

65.3634, 4.8250, 39.4205



Tritanopia

65.1982, 20.9934, 6.4078

Trichromacy



Original Color

65.3743, 0.5034, 39.5084

Protanomaly

65.3099, -5.6571, 39.3097

Deuteranomaly

65.2820, 3.1084, 39.3933

Tritanomaly

64.6612, 11.3727, 24.8926

Monochromacy



Original Color

65.3743, 0.5034, 39.5084

Achromatopsia

61.7516, -3.2949, 3.3551

Achromatomaly

62.3856, -5.0703, 23.2233

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.3743, 0.5034, 39.5084 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(214, 169, 24)` looks like.

```
.text, #text, p{  
    color:rgb(214, 169, 24)  
}
```

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(214, 169, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 169, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 65.3743, 0.5034, 39.5084 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(214, 169, 24) }
```


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

```
.border{ border-color:rgb(214, 169, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 169, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 169, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 169, 24);  
box-shadow:4px 4px 4px 4px rgb(214, 169,  
24) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.3743, 0.5034, 39.5084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 169, 24) }
```

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

```
.background{ background-color: rgb(214,  
169, 24) }
```

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