

Converting Colors

HunterLab(65.0249, 4.9977,
40.1556)

Have a look what the booklet for
HunterLab(65.0249, 4.9977,
40.1556) contains.

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Color

**HunterLab(65.0249, 4.9977,
40.1556)**

Conversions

Conversions Part 1

Format	Color
Hex	DDA500
RGB	221, 165, 0
RGB Percent	87%, 65%, 0%
CMY	0.1333, 0.3529, 0.9999
CMYK	0.00, 0.25, 1.00, 0.13
HSL	45°, 100%, 43%
HSV	45°, 100%, 87%
XYZ	43.2739, 42.2824, 5.8805
YIQ	162.9340, 86.3410, -39.4430

Conversions

Conversions Part 2

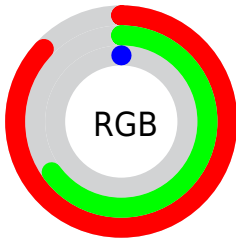
Format	Color
RYB	75, 221, 0
Decimal	14525696
CIELab	71.07, 9.37, 74.51
CIELCh	71, 75.099, 82.836
Yxy	42.2845, 0.4733, 0.4624
Android (android.graphics.Color)	4292715776 (0xFFDDA500)
YUV	162.9340, -80.3265, 50.9239
Hunter-Lab	65.0249, 4.9977, 40.1556

Details

The HunterLab color **65.0249, 4.9977, 40.1556** 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 **28.3716, 41.3607, -124.7463**, and the grayscale version is **60.7875, -3.2435, 3.3027**.

A 20% lighter version of the original color is **85.4380, -7.0132, 47.5219**, and **44.1681, 5.6128, 27.3144** is the 20% darker color. If you saturate the color by 10%, you get **65.0256, 4.9960, 40.1559**, and if you desaturate by 10%, it is **66.6389, 2.4543, 40.4251**.

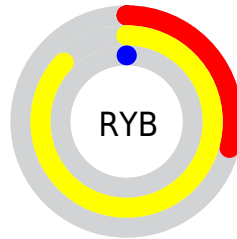
Distribution



Red (87%)

Green (65%)

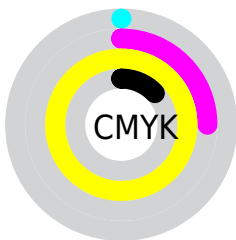
Blue (0%)



Red (29%)

Yellow (87%)

Blue (0%)

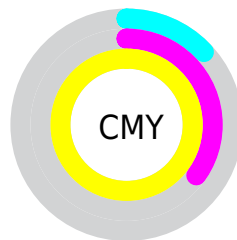


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.0249, 4.9977, 40.1556 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 65.0249, 4.9977, 40.1556 by changing the saturation by 10% instead.

65.0249, 4.9977,
40.1556

65.0249, 4.9977,
40.1556

188.5897, 1.8514,
79.4236

54.1517, 5.0998,
34.9441

88.6736, 4.6104,
49.9309

43.9615, 5.1387,
29.4970

101.3824, 4.3416,
54.5375

34.5053, 5.1019,
24.1537

114.6464, 4.0265,
58.9856

25.8454, 4.9772,
18.0917

128.4430, 3.6684,
63.2938

18.0629, 4.7466,
12.6440

142.7527, 3.2697,
67.4785

11.2710, 4.3829,
7.8897

157.5574, 2.8328,

3.4363, 11.6930,

71.5539

2.4054

172.8413, 2.3594,
75.5320

0.0000, NaN, NaN

0.0000, NaN, NaN

65.0249, 4.9977,
40.1556

65.0249, 4.9977,
40.1556

65.0256, 4.9960,
40.1559

66.6389, 2.4543,
40.4251

68.3277, 0.1868,
40.0205

70.1036, -1.7373,
38.7669

71.9695, -3.2912,
36.6096

73.9262, -4.4605,

33.5260

■ 75.9734, -5.2393,
29.5146

■ 78.1099, -5.6288,
24.5897

■ 80.3337, -5.6346,
18.7758

■ 82.6425, -5.2665,
12.1053

Harmonies

Analogous

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



65.0265, 41.5684, 36.3909



65.0249, 4.9977, 40.1556



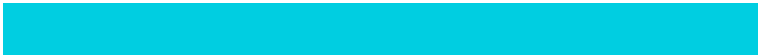
65.0265, -27.2323, 38.9475

Triad

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



65.0265, 4.9945, 40.1561



65.0265, -53.9475, -25.9662



65.0265, 58.1709, -47.1821

Complementary

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



65.0249, 4.9977, 40.1556



28.3716, 41.3607, -124.7463

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.



65.0265, 24.2784, -85.4122



65.0249, 4.9977, 40.1556



65.0265, -38.8413, -69.3452

Square

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



65.0265, 4.9945, 40.1561



65.0265, -57.0029, 10.9168



65.0265, -11.5285, -95.1350



65.0265, 76.1514, -4.8181

Rectangle

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



65.0249, 4.9977, 40.1556



65.0265, -42.6547, 34.8639



65.0265, -11.5285, -95.1350



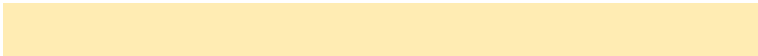
65.0265, 47.9617, -61.6827

Sweetspot

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



65.0265, 4.9945, 40.1561



91.7959, -6.6137, 29.0735



39.6074, 68.6228, 19.4251



41.9696, -2.9933, 14.6445

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.0265, 4.9945, 40.1561



76.3252, 6.1380, 47.1387



77.5860, -38.4290, 47.1351



38.3094, -2.4227, 5.4164



49.7524, 3.4661, 30.7179



13.1836, -0.0271, 8.1232

Inverse Universe

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



28.3716, 41.3607, -124.7463



33.1001, 49.4878, -148.2022



24.3712, 63.1532, -150.2942



36.2639, -1.4145, -1.6348



21.9755, 30.4223, -93.1405



6.7122, 4.6939, -18.5224

Previews

White Background



This preview shows how the HunterLab color 65.0249, 4.9977, 40.1556 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 65.0249, 4.9977, 40.1556 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 65.0249, 4.9977, 40.1556 Background



This preview shows how black text looks on a background with the HunterLab color 65.0249, 4.9977, 40.1556.



This preview shows how white text looks on a background with the HunterLab color 65.0249, 4.9977,

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

65.0249, 4.9977, 40.1556

Protanopia

65.2356, -9.0298, 39.7237

Deuteranopia

64.9045, 4.5940, 40.0743



Tritanopia

64.9285, 25.1973, 7.9438

Trichromacy



Original Color

65.0249, 4.9977, 40.1556

Protanomaly

65.0117, -3.7783, 39.7842

Deuteranomaly

64.9045, 4.5940, 40.0743

Tritanomaly

64.2671, 15.2151, 27.5379

Monochromacy



Original Color

65.0249, 4.9977, 40.1556

Achromatopsia

60.5188, -3.2291, 3.2881

Achromatomaly

61.4335, -4.2404, 25.1411

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.0249, 4.9977, 40.1556 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(221, 165, 0)` looks like.

```
.text, #text, p{  
    color:rgb(221, 165, 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(221, 165, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 165, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 65.0249, 4.9977, 40.1556 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(221, 165, 0) }
```


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

```
.border{ border-color:rgb(221, 165, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 165, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 165, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 165, 0);  
box-shadow:4px 4px 4px 4px rgb(221, 165,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.0249, 4.9977, 40.1556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 165, 0) }
```

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

```
.background{ background-color: rgb(221,  
165, 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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