

Converting Colors

HunterLab(65.0499, -40.3245,
36.4507)

Have a look what the booklet for
HunterLab(65.0499, -40.3245,
36.4507) contains.

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Color

**HunterLab(65.1221,
-40.3649, 36.4634)**

Conversions

Conversions Part 1

Format	Color
Hex	72C234
RGB	114, 194, 52
RGB Percent	45%, 76%, 20%
CMY	0.5529, 0.2392, 0.7961
CMYK	0.41, 0.00, 0.73, 0.24
HSL	94°, 58%, 48%
HSV	94°, 73%, 76%
XYZ	26.8510, 42.4089, 10.0194
YIQ	153.8920, -2.0980, -61.1220

Conversions

Conversions Part 2

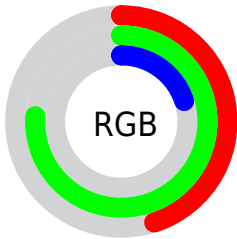
Format	Color
RYB	52, 194, 132
Decimal	7520820
CIELab	71.15, -47.58, 59.97
CIELCh	71, 76.549, 128.428
Yxy	42.4107, 0.3387, 0.5349
Android (android.graphics.Color)	4285710900 (0xFF72C234)
YUV	153.8920, -50.2328, -34.9853
Hunter-Lab	65.1221, -40.3649, 36.4634

Details

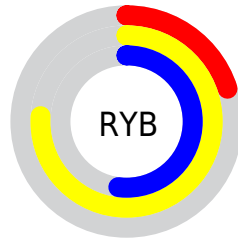
The HunterLab color **65.1221, -40.3649, 36.4634** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **33.5530, 50.2537, -68.6379**, and the grayscale version is **57.0011, -3.0414, 3.0970**.

A 20% lighter version of the original color is **88.7327, -46.6557, 44.3801**, and **44.2362, -33.2137, 26.6767** is the 20% darker color. If you saturate the color by 10%, you get **64.4830, -43.1894, 37.6816**, and if you desaturate by 10%, it is **65.8788, -37.0091, 34.5196**.

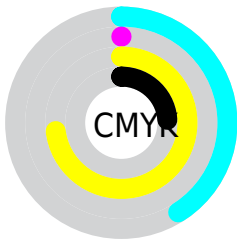
Distribution



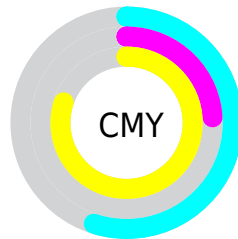
- Red (45%)
- Green (76%)
- Blue (20%)



- Red (20%)
- Yellow (76%)
- Blue (52%)



- Cyan (41%)
- Magenta (0%)
- Yellow (73%)
- Black (24%)



- Cyan (55%)
- Magenta (24%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.1221, -40.3649, 36.4634 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 65.1221, -40.3649, 36.4634 by changing the saturation by 10% instead.

65.1221, -40.3649,
36.4634

65.1221, -40.3649,
36.4634

188.7280,
-66.2803, 68.8679

54.2430, -37.0143,
32.1697

88.7811, -46.6601,
44.4882

44.0466, -33.4773,
27.6473

101.4949,
-49.6513, 48.2713

34.5839, -29.6999,
22.8919

114.7635,
-52.5622, 51.9302

25.9167, -25.5986,
18.1417

128.5647,
-55.4053, 55.4819

18.1262, -21.0409,
12.6883

142.8787,
-58.1911, 58.9405

11.3251, -19.6281,
7.9276

157.6877,

3.5730, -6.2527,

-60.9278, 62.3179

2.5011

172.9756,
-63.6223, 65.6242

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.1221, -40.3649,
36.4634

■ 65.1221, -40.3649,
36.4634

■ 64.4830, -43.1894,
37.6816

■ 65.8788, -37.0091,
34.5196

■ 63.9511, -45.5002,
38.2503

■ 66.7532, -33.1120,
31.8013


■ 63.6416, -46.8304,
38.3958


■ 67.7491, -28.6810,
28.2829


■ 68.8676, -23.7317,
23.9572


■ 70.1086, -18.2873,

18.8317

 71.4710, -12.3763,
12.9259

 72.9529, -6.0313,
6.2691

 74.5518, 0.7128,
-1.1024

 76.2644, 7.8201,
-9.1476

Harmonies

Analogous

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



65.1235, -13.0854, 40.4542



65.1221, -40.3649, 36.4634



65.1235, -55.1395, 23.0197

Triad

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



65.1235, -40.3662, 36.4637



65.1235, -26.4976, -88.9842



65.1235, 77.7081, 12.2766

Complementary

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



65.1221, -40.3649, 36.4634



33.5530, 50.2537, -68.6379

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.



65.1235, 71.9887, -24.7794



65.1221, -40.3649, 36.4634



65.1235, 6.7201, -97.4221

Square

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



65.1235, -40.3662, 36.4637



65.1235, -48.3937, -50.3689



65.1235, 44.0433, -69.5490



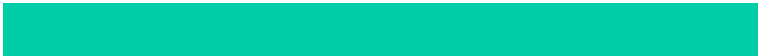
65.1235, 58.3302, 32.1696

Rectangle

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



65.1221, -40.3649, 36.4634



65.1235, -58.1768, 5.2828



65.1235, 44.0433, -69.5490



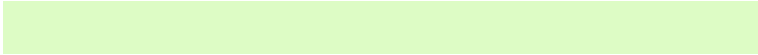
65.1235, 78.7263, 1.7577

Sweetspot

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



65.1235, -40.3662, 36.4637



94.5135, -23.9659, 24.7157



52.6412, 12.5397, 28.9969



44.0030, -12.2015, 12.5210

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.1235, -40.3662, 36.4637



86.3324, -60.1394, 51.2877



62.9543, -49.2055, 34.0204



33.8660, -4.7010, 4.9210



51.6476, -37.7831, 31.1636



10.9236, -7.0804, 6.6071

Inverse Universe

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



33.5530, 50.2537, -68.6379



38.7486, 78.3117, -116.2421



41.8450, 65.1379, -39.6121



31.6569, 1.3192, -1.6054



21.8182, 49.1013, -76.8847



4.9585, 10.7230, -14.0934

Previews

White Background



This preview shows how the HunterLab color 65.1221, -40.3649, 36.4634 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 65.1221, -40.3649, 36.4634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

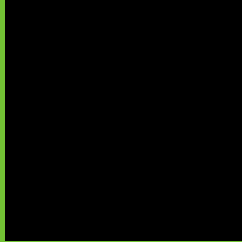
Any Text WCAG AA ✓ Pass

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 65.1221, -40.3649, 36.4634 Background



This preview shows how black text looks on a background with the HunterLab color 65.1221, -40.3649, 36.4634.



This preview shows how white text looks on a background with the HunterLab color 65.1221,

-40.3649, 36.4634.

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

65.1221, -40.3649, 36.4634

Protanopia

64.7663, -8.8936, 37.2910

Deuteranopia

64.7143, 4.5270, 35.5120



Tritanopia

64.9144, -13.6022, -7.3946

Trichromacy



Original Color

65.1221, -40.3649, 36.4634

Protanomaly

64.2408, -21.8519, 36.5205

Deuteranomaly

64.0005, -14.5759, 35.2213

Tritanomaly

64.5081, -26.3644, 15.4036

Monochromacy



Original Color

65.1221, -40.3649, 36.4634

Achromatopsia

56.8457, -3.0331, 3.0885

Achromatomaly

59.2868, -19.3104, 19.3637

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.1221, -40.3649, 36.4634 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(114, 194, 52)` looks like.

```
.text, #text, p{  
    color:rgb(114, 194, 52)  
}
```

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(114, 194, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 194, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 65.1221, -40.3649, 36.4634 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(114, 194, 52) }
```


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

```
.border{ border-color:rgb(114, 194, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 194, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 194, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 194, 52);  
box-shadow:4px 4px 4px 4px rgb(114, 194,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.1221, -40.3649, 36.4634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 194, 52) }
```

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

```
.background{ background-color: rgb(114,  
194, 52) }
```

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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