

Converting Colors

HunterLab(61.7341, -40.3689,
30.2761)

Have a look what the booklet for
HunterLab(61.7341, -40.3689,
30.2761) contains.

HunterLab(61.5682, -40.2372, 30.1102)	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(61.5682,
-40.2372, 30.1102)**

Conversions

Conversions Part 1

Format	Color
Hex	5BBA4F
RGB	91, 186, 79
RGB Percent	36%, 73%, 31%
CMY	0.6431, 0.2706, 0.6902
CMYK	0.51, 0.00, 0.58, 0.27
HSL	113°, 44%, 52%
HSV	113°, 58%, 73%
XYZ	23.2846, 37.9064, 13.4866
YIQ	145.3970, -22.2730, -53.4170

Conversions

Conversions Part 2

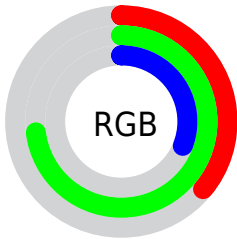
Format	Color
RYB	79, 186, 174
Decimal	6011471
CIELab	67.95, -49.00, 45.05
CIELCh	68, 66.564, 137.408
Yxy	37.9080, 0.3118, 0.5076
Android (android.graphics.Color)	4284201551 (0xFF5BBA4F)
YUV	145.3970, -32.7337, -47.7062
Hunter-Lab	61.5682, -40.2372, 30.1102

Details

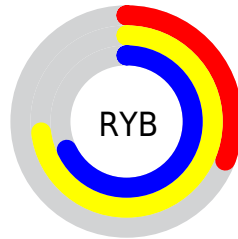
The HunterLab color $61.5682, -40.2372, 30.1102$ is a dark color, and the websafe version is hex $66CC66$. A complement of this color would be $42.5877, 47.5088, -37.6019$, and the grayscale version is $53.5060, -2.8549, 2.9071$.

A 20% lighter version of the original color is $84.8739, -46.8223, 36.4791$, and $40.9894, -33.0822, 23.1784$ is the 20% darker color. If you saturate the color by 10%, you get $60.7660, -43.9258, 32.4489$, and if you desaturate by 10%, it is $62.5712, -35.6957, 27.0746$.

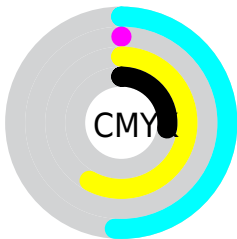
Distribution



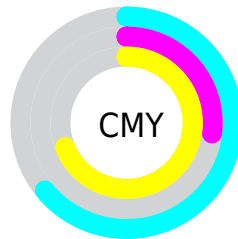
- Red (36%)
- Green (73%)
- Blue (31%)



- Red (31%)
- Yellow (73%)
- Blue (68%)



- Cyan (51%)
- Magenta (0%)
- Yellow (58%)
- Black (27%)



- Cyan (64%)
- Magenta (27%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.5682, -40.2372, 30.1102 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 61.5682, -40.2372, 30.1102 by changing the saturation by 10% instead.

■ 61.5682, -40.2372,
30.1102

■ 61.5682, -40.2372,
30.1102

183.6369,
-66.9893, 55.7931

■ 50.9032, -36.7391,
26.7446

■ 84.8335, -46.7771,
36.4032

■ 40.9357, -33.0311,
23.1874

■ 97.3644, -49.8732,
39.3799

■ 31.7200, -29.0492,
19.3952

■ 110.4581,
-52.8800, 42.2683

■ 23.3234, -24.6940,
15.7672

■ 124.0911,
-55.8119, 45.0823

■ 15.8353, -19.9026,
11.0847

■ 138.2430,
-58.6803, 47.8334

■ 9.3831, -16.4204,
6.5682

152.8954,

0.0000, NaN, NaN

-61.4945, 50.5306

0.0000, NaN, NaN

168.0317,
-64.2621, 53.1817

0.0000, NaN, NaN

■ 61.5682, -40.2372,
30.1102

■ 61.5682, -40.2372,
30.1102

■ 60.7660, -43.9258,
32.4489

■ 62.5712, -35.6957,
27.0746

■ 60.1529, -46.7578,
34.1065

■ 63.7749, -30.3245,
23.3480

■ 59.7184, -48.7644,
35.1291

■ 65.1813, -24.1718,
18.9570

■ 59.4435, -50.0219,
35.6213

■ 66.7882, -17.2996,
13.9425

■ 59.3946, -50.2478,
35.7190

■ 68.5915, -9.7797,
8.3554

■ 70.5848, -1.6882,
2.2527

■ 72.7608, 6.8987,
-4.3069

■ 75.1111, 15.9075,
-11.2653

■ 77.6269, 25.2706,
-18.5675

Harmonies

Analogous

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



61.5695, -19.6027, 36.0735



61.5682, -40.2372, 30.1102



61.5695, -50.0509, 14.1471

Triad

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



61.5695, -40.2382, 30.1106



61.5695, -15.3578, -77.7762



61.5695, 61.9342, 17.6033

Complementary

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



61.5682, -40.2372, 30.1102



42.5877, 47.5088, -37.6019

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.



61.5695, 63.6728, -9.8412



61.5682, -40.2372, 30.1102



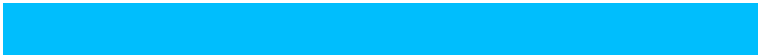
61.5695, 14.9239, -75.2899

Square

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



61.5695, -40.2382, 30.1106



61.5695, -37.6451, -52.2273



61.5695, 45.1549, -46.5071



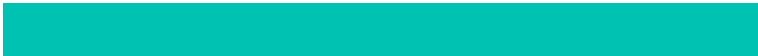
61.5695, 40.7811, 31.5960

Rectangle

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



61.5682, -40.2372, 30.1102



61.5695, -50.6581, -4.1465



61.5695, 45.1549, -46.5071



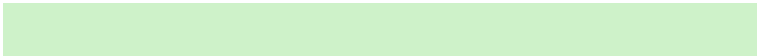
61.5695, 64.9353, 10.0109

Sweetspot

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



61.5695, -40.2382, 30.1106



89.9723, -23.0525, 18.5953



64.1024, -9.9688, 32.4827



42.0062, -11.7295, 9.3969



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



61.5695, -40.2382, 30.1106



81.5682, -60.2444, 44.3560



61.7562, -38.1958, 20.3194



31.7916, -5.2075, 4.3796



48.7334, -41.1388, 29.3091



9.2368, -7.3558, 5.5629

Inverse Universe

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



42.5877, 47.5088, -37.6019



52.1920, 76.8475, -62.1469



42.5157, 43.8113, -10.3846



30.1832, 2.0550, -1.1647



27.9243, 56.3622, -48.1643



5.3810, 10.7775, -8.6352

Previews

White Background



This preview shows how the HunterLab color 61.5682, -40.2372, 30.1102 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 61.5682, -40.2372, 30.1102 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 61.5682, -40.2372, 30.1102 Background



This preview shows how black text looks on a background with the HunterLab color 61.5682, -40.2372, 30.1102.



This preview shows how white text looks on a background with the HunterLab color 61.5682, -40.2372, 30.1102.

-40.2372, 30.1102.

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

61.5682, -40.2372, 30.1102

Protanopia

61.1927, -7.4615, 31.6357

Deuteranopia

61.1217, 4.4048, 28.9934



Tritanopia

61.5181, -16.7636, -8.7867

Trichromacy



Original Color

61.5682, -40.2372, 30.1102



Protanomaly

60.7282, -21.6476, 30.5425



Deuteranomaly

60.2717, -15.1376, 28.6232



Tritanomaly

61.1665, -27.1666, 9.6534

Monochromacy



Original Color

61.5682, -40.2372, 30.1102



Achromatopsia

53.2117, -2.8392, 2.8911



Achromatomaly

55.5716, -18.6207, 14.6175

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.5682, -40.2372, 30.1102 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(91, 186, 79)` looks like.

```
.text, #text, p{  
    color:rgb(91, 186, 79)  
}
```

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(91, 186, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 186, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 61.5682, -40.2372, 30.1102 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(91, 186, 79) }
```


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

```
.border{ border-color:rgb(91, 186, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 186, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 186, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 186, 79);  
box-shadow:4px 4px 4px 4px rgb(91, 186,  
79) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.5682, -40.2372, 30.1102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 186, 79) }
```

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

```
.background{ background-color: rgb(91, 186,  
79) }
```

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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