

Converting Colors

HunterLab(76.6626, -60.0034,
42.1881)

Have a look what the booklet for
HunterLab(76.6626, -60.0034,
42.1881) contains.

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Color

**HunterLab(76.6182,
-59.9821, 42.1731)**

Conversions

Conversions Part 1

Format	Color
Hex	42E742
RGB	66, 231, 66
RGB Percent	26%, 91%, 26%
CMY	0.7412, 0.0941, 0.7412
CMYK	0.71, 0.00, 0.71, 0.09
HSL	120°, 77%, 58%
HSV	120°, 71%, 91%
XYZ	31.8061, 58.7035, 14.8089
YIQ	162.8550, -45.3750, -86.2950

Conversions

Conversions Part 2

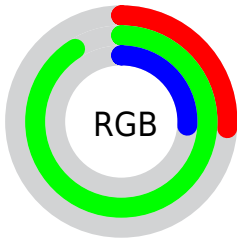
Format	Color
RYB	66, 231, 231
Decimal	4384578
CIELab	81.13, -71.53, 64.61
CIELCh	81, 96.386, 137.909
Yxy	58.7059, 0.3020, 0.5574
Android (android.graphics.Color)	4282574658 (0xFF42E742)
YUV	162.8550, -47.7495, -84.9418
Hunter-Lab	76.6182, -59.9821, 42.1731

Details

The HunterLab color **76.6182, -59.9821, 42.1731** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark muted green. A complement of this color would be **51.6291, 80.1944, -53.6008**, and the grayscale version is **60.6638, -3.2369, 3.2960**.

A 20% lighter version of the original color is **88.4219, -54.8343, 40.9601**, and **55.0201, -47.1797, 33.0772** is the 20% darker color. If you saturate the color by 10%, you get **76.0522, -62.6709, 43.9911**, and if you desaturate by 10%, it is **77.4636, -56.0298, 39.5001**.

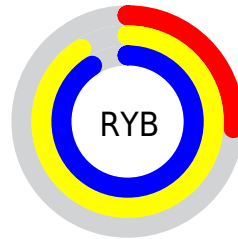
Distribution



Red (26%)

Green (91%)

Blue (26%)



Red (26%)

Yellow (91%)

Blue (91%)

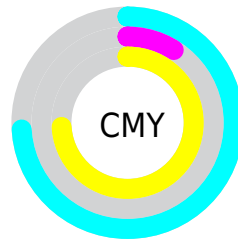


Cyan (71%)

Magenta (0%)

Yellow (71%)

Black (9%)



Cyan (74%)


Magenta (9%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.6182, -59.9821, 42.1731 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 76.6182, -59.9821, 42.1731 by changing the saturation by 10% instead.


 76.6182, -59.9821,
42.1731


 76.6182, -59.9821,
42.1731


204.8930,
-95.4624, 75.7658


 65.0972, -55.3242,
37.7888


 101.4644,
-68.7073, 50.4226

 54.2182, -50.4094,
33.1954


 114.7317,
-72.8345, 54.3327


 44.0235, -45.1763,
28.3660


 128.5317,
-76.8358, 58.1247

 34.5625, -39.5381,
23.4377

 142.8445,
-80.7285, 61.8136

 25.8973, -33.3702,
18.1281

 157.6523,
-84.5268, 65.4121

 18.1090, -26.9865,
12.6763

172.9392,

 11.3105, -19.7933,

-88.2422, 68.9311

7.9173

188.6905,
-91.8846, 72.3796

■ 3.5364, -6.1887,
2.4755

0.0000, NaN, NaN

■ 76.6182, -59.9821,
42.1731

■ 76.6182, -59.9821,
42.1731

■ 76.0522, -62.6709,
43.9911

■ 77.4636, -56.0298,
39.5001


■ 75.7302, -64.2062,
45.0295


■ 78.6045, -50.7632,
35.9391


■ 75.6004, -64.8273,
45.4495

■ 80.0550, -44.1914,
31.4962

■ 81.8210, -36.3686,
26.2082

 83.9022, -27.3845,
20.1364

 86.2935, -17.3533,
13.3580

 88.9859, -6.4020,
5.9595

 91.9673, 5.3386,
-1.9706

 92.5388, 7.5459,
-3.4615

Harmonies

Analogous

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



76.6198, -29.7920, 49.0562



76.6182, -59.9821, 42.1731



76.6198, -73.6025, 19.9906

Triad

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



76.6198, -59.9832, 42.1734



76.6198, -22.0066, -135.1586



76.6198, 101.4215, 26.0595

Complementary

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



76.6182, -59.9821, 42.1731



51.6291, 80.1944, -53.6008

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.



76.6198, 104.9437, -15.9632



76.6182, -59.9821, 42.1731



76.6198, 25.5163, -129.7323

Square

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



76.6198, -59.9832, 42.1734



76.6198, -55.4647, -90.1316



76.6198, 74.5635, -78.0065



76.6198, 65.8549, 44.3336

Rectangle

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



76.6182, -59.9821, 42.1731



76.6198, -74.2831, -8.5362



76.6198, 74.5635, -78.0065



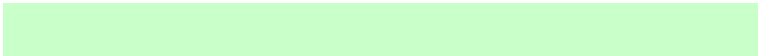
76.6198, 106.6556, 15.0161

Sweetspot

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



76.6198, -59.9832, 42.1734



93.9352, -30.2970, 22.2980



86.3349, -21.8307, 49.2773



43.1421, -15.3694, 11.2302

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.6198, -59.9832, 42.1734



84.8618, -71.1211, 49.8966



77.7603, -52.9618, 25.4668



40.1113, -7.0503, 5.5183



56.6040, -48.5379, 34.0292



15.3872, -13.1944, 9.2503

Inverse Universe

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



51.6291, 80.1944, -53.6008



54.5190, 100.7446, -67.5223



48.0002, 65.8266, -4.1349



38.2299, 3.1119, -1.4262



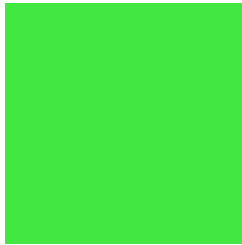
35.7190, 70.2243, -47.1074



9.7098, 19.0898, -12.8058

Previews

White Background



This preview shows how the HunterLab color 76.6182, -59.9821, 42.1731 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 76.6182, -59.9821, 42.1731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

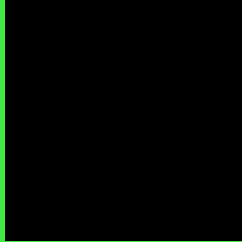
Any Text WCAG AA ✓ Pass

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 76.6182, -59.9821, 42.1731 Background



This preview shows how black text looks on a background with the HunterLab color 76.6182, -59.9821, 42.1731.



This preview shows how white text looks on a background with the HunterLab color 76.6182, -59.9821, 42.1731.

-59.9821, 42.1731.

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

76.6182, -59.9821, 42.1731

Protanopia

75.8033, -9.8340, 43.4065

Deuteranopia

75.7479, 5.5558, 40.6796



Tritanopia

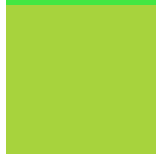
76.4458, -26.4971, -13.1485

Trichromacy



Original Color

76.6182, -59.9821, 42.1731



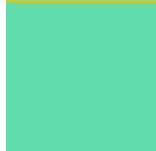
Protanomaly

74.2569, -33.6218, 41.6431



Deuteranomaly

73.5728, -25.8167, 39.3731



Tritanomaly

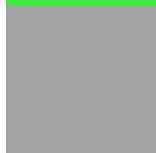
75.5807, -42.4686, 15.2117

Monochromacy



Original Color

76.6182, -59.9821, 42.1731



Achromatopsia

60.5188, -3.2291, 3.2881



Achromatomaly

64.8954, -28.8998, 20.8242

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.6182, -59.9821, 42.1731 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(66, 231, 66)` looks like.

```
.text, #text, p{  
    color:rgb(66, 231, 66)  
}
```

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(66, 231, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 231, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 76.6182, -59.9821, 42.1731 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(66, 231, 66) }
```


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

```
.border{ border-color:rgb(66, 231, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 231, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 231, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 231, 66);  
box-shadow:4px 4px 4px 4px rgb(66, 231,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.6182, -59.9821, 42.1731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 231, 66) }
```

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

```
.background{ background-color: rgb(66, 231,  
66) }
```

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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