

Converting Colors

HunterLab(58.7946, 55.2761,
-42.0629)

Have a look what the booklet for
HunterLab(58.7946, 55.2761,
-42.0629) contains.

HunterLab(58.7946, 55.2761, -42.0629)	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(58.7946, 55.2761,
-42.0629)**

Conversions

Conversions Part 1

Format	Color
Hex	E075EB
RGB	224, 117, 235
RGB Percent	88%, 46%, 92%
CMY	0.1216, 0.5412, 0.0784
CMYK	0.05, 0.50, 0.00, 0.08
HSL	294°, 75%, 69%
HSV	294°, 50%, 92%
XYZ	52.0972, 34.5680, 82.5238
YIQ	162.4450, 25.8940, 59.3820

Conversions

Conversions Part 2

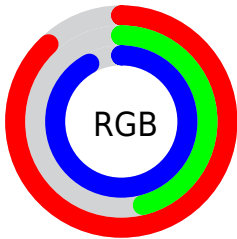
Format	Color
R_{YB}	224, 117, 235
Decimal	14710251
CIE _{Lab}	65.41, 58.28, -41.98
CIE _{LCh}	65, 71.829, 324.233
Yxy	34.5696, 0.3079, 0.2043
Android (android.graphics.Color)	4292900331 (0xFFE075EB)
YUV	162.4450, 35.7696, 53.9837
Hunter-Lab	58.7946, 55.2761, -42.0629

Details

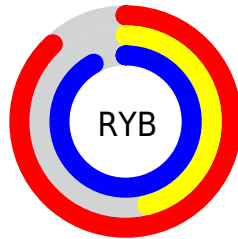
The HunterLab color $58.7946, 55.2761, -42.0629$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $80.8029, -49.0160, 36.5822$, and the grayscale version is $60.1431, -3.2091, 3.2677$.

A 20% lighter version of the original color is $76.1479, 40.3059, -26.0355$, and $38.4798, 51.3451, -41.1023$ is the 20% darker color. If you saturate the color by 10%, you get $54.2362, 66.4216, -51.3387$, and if you desaturate by 10%, it is $64.1110, 43.3662, -32.4233$.

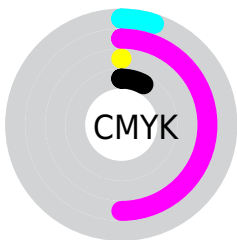
Distribution



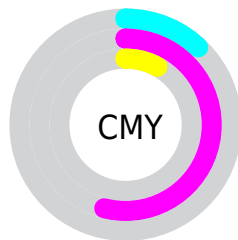
- Red (88%)
- Green (46%)
- Blue (92%)



- Red (88%)
- Yellow (46%)
- Blue (92%)



- Cyan (5%)
- Magenta (50%)
- Yellow (0%)
- Black (8%)



- Cyan (12%)
- Magenta (54%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.7946, 55.2761, -42.0629 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 58.7946, 55.2761, -42.0629 by changing the saturation by 10% instead.

■ 58.7946, 55.2761,
-42.0629

■ 58.7946, 55.2761,
-42.0629

179.6286, 68.3643,
-46.9955

■ 48.3027, 53.3404,
-41.3824

■ 81.7425, 58.8317,
-43.4211

■ 38.5207, 51.3126,
-40.7634

■ 94.1265, 60.4580,
-44.0618

■ 29.5061, 49.2198,
-40.3024

■ 107.0795, 61.9881,
-44.6633

■ 21.3307, 47.1432,
-40.2128

120.5775, 63.4270,
-45.2214

■ 14.0916, 45.3170,
-41.0265

134.5994, 64.7794,
-45.7341

■ 7.7405, 46.3175,
-45.7886

149.1263, 66.0503,

0.0000, INF, -NF

-46.2006

0.0000, NaN, -NF

164.1411, 67.2439,
-46.6208

0.0000, NaN, NaN

■ 58.7946, 55.2761,
-42.0629

■ 58.7946, 55.2761,
-42.0629

■ 54.2362, 66.4216,
-51.3387

■ 64.1110, 43.3662,
-32.4233

■ 50.5328, 76.1276,
-59.7477

■ 70.0769, 31.1870,
-22.7723

■ 47.7594, 83.6198,
-66.6808

■ 76.5975, 19.0378,
-13.3061

■ 45.9288, 88.2838,
-71.6161

■ 83.5903, 7.0790,
-4.1170

■ 44.8983, 90.2488,
-74.5455

■ 90.9871, -4.6198,
4.7682

■ 97.7485, -14.5088,
12.3042

■ 97.9425, -13.8162,
12.5303

■ 98.1385, -13.1180,
12.7583

■ 98.3365, -12.4142,
12.9882

Harmonies

Analogous

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



58.7959, 24.1731, -78.5877



58.7946, 55.2761, -42.0629



58.7959, 71.0594, -2.9612

Triad

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



58.7959, 55.2741, -42.0609



58.7959, 3.1424, 36.6679



58.7959, -49.2208, -26.0916

Complementary

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



58.7946, 55.2761, -42.0629



80.8029, -49.0160, 36.5822

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.



58.7959, -52.5164, 8.7598



58.7946, 55.2761, -42.0629



58.7959, -26.2292, 35.3980

Square

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



58.7959, 55.2741, -42.0609



58.7959, 37.1173, 33.5665



58.7959, -45.0450, 28.0878



58.7959, -34.8310, -66.4291

Rectangle

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



58.7946, 55.2761, -42.0629



58.7959, 68.7944, 15.8001



58.7959, -45.0450, 28.0878



58.7959, -51.5141, -13.0043

Sweetspot

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



58.7959, 55.2741, -42.0609



87.9244, 14.1049, -9.3713



50.4278, 18.4982, -61.0135



39.9303, 7.8135, -5.3263

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.7959, 55.2741, -42.0609



59.4789, 72.9374, -56.3797



58.3167, 50.0064, -11.4476



39.0362, 2.8756, -1.5980



33.5399, 67.3908, -55.4796



9.5088, 19.0408, -15.2248

Inverse Universe

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



56.5196, 41.6923, 14.1324



56.5949, 56.0063, 18.4603



81.1708, -45.8077, 23.4904



38.8289, 1.5688, 2.8553



31.4164, 53.9291, 19.3114



8.8477, 15.2756, 4.7588

Previews

White Background



This preview shows how the HunterLab color 58.7946, 55.2761, -42.0629 looks on a white background.

Color Contrast Check

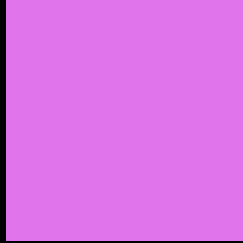
Large Text (above 18pt) WCAG AA × Fail

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 58.7946, 55.2761, -42.0629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

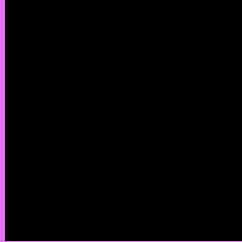
Any Text WCAG AA ✓ Pass

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 58.7946, 55.2761, -42.0629 Background



This preview shows how black text looks on a background with the HunterLab color 58.7946, 55.2761, -42.0629.



This preview shows how white text looks on a background with the HunterLab color 58.7946, 55.2761, -42.0629.

-42.0629.

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

58.7946, 55.2761, -42.0629

Protanopia

59.1523, 10.2004, -58.1999

Deuteranopia

59.1960, 4.6700, -36.9572



Tritanopia

58.7037, 24.5957, 8.3067

Trichromacy



Original Color

58.7946, 55.2761, -42.0629



Protanomaly

57.7862, 24.6474, -55.0790



Deuteranomaly

57.8977, 21.9141, -41.3594



Tritanomaly

58.3200, 35.1698, -7.3459

Monochromacy



Original Color

58.7946, 55.2761, -42.0629



Achromatopsia

60.1088, -3.2073, 3.2658



Achromatomaly

58.7760, 17.0160, -12.0497

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.7946, 55.2761, -42.0629 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(224, 117, 235)` looks like.

```
.text, #text, p{  
    color:rgb(224, 117, 235)  
}
```

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(224, 117, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 117, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 58.7946, 55.2761, -42.0629 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(224, 117, 235) }
```


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

```
.border{ border-color:rgb(224, 117, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 117, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 117, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 117, 235);  
box-shadow:4px 4px 4px 4px rgb(224, 117,  
235) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.7946, 55.2761, -42.0629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 117, 235) }
```

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

```
.background{ background-color: rgb(224,  
117, 235) }
```

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