

Converting Colors

HunterLab(58.0221, 64.1827,
-41.4782)

Have a look what the booklet for
HunterLab(58.0221, 64.1827,
-41.4782) contains.

HunterLab(58.1347, 64.0089, -40.9182)	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(58.1347, 64.0089,
-40.9182)**

Conversions

Conversions Part 1

Format	Color
Hex	EB6AE8
RGB	235, 106, 232
RGB Percent	92%, 42%, 91%
CMY	0.0784, 0.5843, 0.0902
CMYK	0.00, 0.55, 0.01, 0.08
HSL	301°, 76%, 67%
HSV	301°, 55%, 92%
XYZ	53.9805, 33.7964, 80.0222
YIQ	158.9350, 36.4380, 66.5340

Conversions

Conversions Part 2

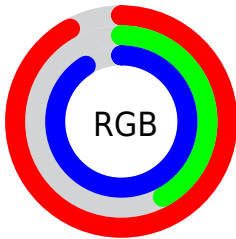
Format	Color
R _{YB}	235, 106, 232
Decimal	15428328
CIE _{Lab}	64.80, 65.78, -41.17
CIE _{LCh}	65, 77.608, 327.958
Yxy	33.7980, 0.3217, 0.2014
Android (android.graphics.Color)	4293618408 (0xFFEB6AE8)
YUV	158.9350, 36.0210, 66.7090
Hunter-Lab	58.1347, 64.0089, -40.9182

Details

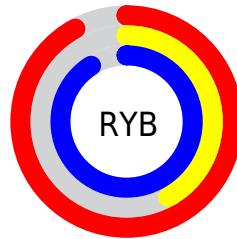
The HunterLab color $58.1347, 64.0089, -40.9182$ is a light color, and the websafe version is hex $FF66FF$. A complement of this color would be $79.7410, -53.5572, 37.4396$, and the grayscale version is $58.7036, -3.1323, 3.1895$.

A 20% lighter version of the original color is $73.9421, 45.3476, -29.5039$, and $37.9443, 59.4716, -39.7585$ is the 20% darker color. If you saturate the color by 10%, you get $54.3772, 74.8965, -47.9805$, and if you desaturate by 10%, it is $62.7327, 51.8990, -32.9758$.

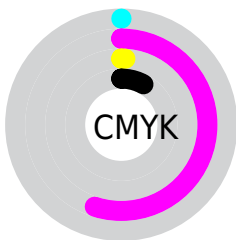
Distribution



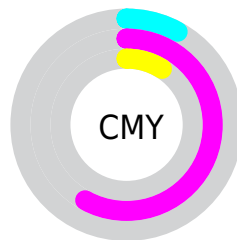
- Red (92%)
- Green (42%)
- Blue (91%)



- Red (92%)
- Yellow (42%)
- Blue (91%)



- Cyan (0%)
- Magenta (55%)
- Yellow (1%)
- Black (8%)



- Cyan (8%)
- Magenta (58%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.1347, 64.0089, -40.9182 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 58.1347, 64.0089, -40.9182 by changing the saturation by 10% instead.

58.1347, 64.0089,
-40.9182

58.1347, 64.0089,
-40.9182

178.6702, 79.1933,
-45.7355

47.6848, 61.8586,
-40.2419

81.0058, 68.0272,
-42.2590

37.9480, 59.6435,
-39.6226

93.3542, 69.8912,
-42.8881

28.9823, 57.4155,
-39.1553

106.2732, 71.6592,
-43.4769

20.8609, 55.3100,
-39.0516

119.7386, 73.3348,
-44.0214

13.6829, 53.6990,
-39.8468

133.7290, 74.9219,
-44.5197

7.2911, 57.1655,
-45.5023

148.2256, 76.4247,

0.0000, INF, -NF

-44.9713

0.0000, NaN, NaN

163.2111, 77.8472,
-45.3763

■ 58.1347, 64.0089,
-40.9182

■ 58.1347, 64.0089,
-40.9182

■ 54.3772, 74.8965,
-47.9805

■ 62.7327, 51.8990,
-32.9758

■ 51.5318, 83.8325,
-53.6830

■ 68.0702, 39.1984,
-24.5776

■ 49.6265, 90.1594,
-57.6001

■ 74.0486, 26.3455,
-16.0211

■ 48.6089, 93.5847,
-59.5551

■ 80.5763, 13.6089,
-7.4929

■ 48.3213, 94.5206,
-60.0065

■ 87.5738, 1.1286,
0.9060

■ 94.9750, -11.0391,
9.1312

■ 97.5851, -15.0442,
11.7329

■ 97.6014, -14.9533,
11.4994

■ 97.6177, -14.8622,
11.2654

Harmonies

Analogous

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



58.1360, 31.1483, -83.9698



58.1347, 64.0089, -40.9182



58.1360, 78.5507, 0.8848

Triad

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



58.1360, 64.0065, -40.9161



58.1360, -0.7368, 37.4261



58.1360, -50.6340, -34.5893

Complementary

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



58.1347, 64.0089, -40.9182



79.7410, -53.5572, 37.4396

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.



58.1360, -55.4138, 5.3555



58.1347, 64.0089, -40.9182



58.1360, -30.9000, 35.7768

Square

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



58.1360, 64.0065, -40.9161



58.1360, 36.1747, 35.1773



58.1360, -49.1033, 27.5752



58.1360, -34.1139, -79.0598

Rectangle

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



58.1347, 64.0089, -40.9182



58.1360, 73.8527, 19.3715



58.1360, -49.1033, 27.5752



58.1360, -53.4717, -19.6854

Sweetspot

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



58.1360, 64.0065, -40.9161



87.5291, 16.5665, -9.3185



44.1650, 29.2235, -77.7897



39.7950, 8.9951, -5.2036

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.1360, 64.0065, -40.9161



59.1594, 83.6927, -53.6197



55.5086, 52.4453, -4.6320



39.1246, 3.1552, -1.3528



36.0523, 70.5273, -44.8163



10.1122, 19.7964, -12.6822

Inverse Universe

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



58.1360, 64.0065, -40.9161



59.1594, 83.6927, -53.6197



80.9233, -46.4078, 20.2145



39.1246, 3.1552, -1.3528



36.0523, 70.5273, -44.8163



10.1122, 19.7964, -12.6822

Previews

White Background



This preview shows how the HunterLab color 58.1347, 64.0089, -40.9182 looks on a white background.

Color Contrast Check

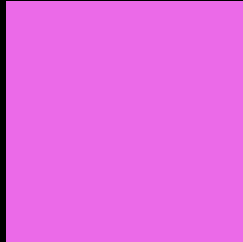
Large Text (above 18pt) WCAG AA × Fail

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 58.1347, 64.0089, -40.9182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

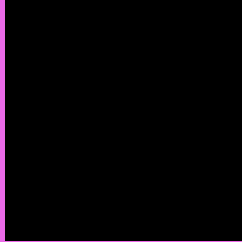
Any Text WCAG AA ✓ Pass

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 58.1347, 64.0089, -40.9182 Background



This preview shows how black text looks on a background with the HunterLab color 58.1347, 64.0089, -40.9182.



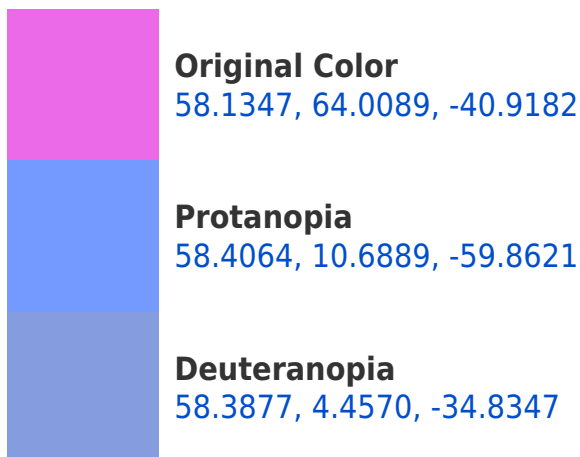
This preview shows how white text looks on a background with the HunterLab color 58.1347, 64.0089, -40.9182.

-40.9182.

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





Tritanopia

58.0316, 31.8879, 11.3613

Trichromacy



Original Color

58.1347, 64.0089, -40.9182



Protanomaly

56.6395, 27.6706, -56.7282



Deuteranomaly

56.7574, 24.5658, -39.7584



Tritanomaly

57.6072, 42.8841, -4.4420

Monochromacy



Original Color

58.1347, 64.0089, -40.9182



Achromatopsia

58.8816, -3.1418, 3.1991



Achromatomaly

57.3290, 20.2784, -12.3625

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.1347, 64.0089, -40.9182 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(235, 106, 232)` looks like.

```
.text, #text, p{  
    color:rgb(235, 106, 232)  
}
```

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(235, 106, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 106, 232) }
```

Border

The CSS property to change the border of an element to HunterLab 58.1347, 64.0089, -40.9182 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(235, 106, 232) }
```


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

```
.border{ border-color:rgb(235, 106, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 106, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 106, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 106, 232);  
box-shadow:4px 4px 4px 4px rgb(235, 106,  
232) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.1347, 64.0089, -40.9182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 106, 232) }
```

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

```
.background{ background-color: rgb(235,  
106, 232) }
```

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