

Converting Colors

Hex(60F358)

Have a look what the booklet for
Hex(60F358) contains.

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Color

Hex(60F358)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 60F358 |
| RGB | 96, 243, 88 |
| RGB Percent | 38%, 95%, 35% |
| CMY | 0.6235, 0.0471, 0.6549 |
| CMYK | 0.60, 0.00, 0.64, 0.05 |
| HSL | 117°, 87%, 65% |
| HSV | 117°, 64%, 95% |
| XYZ | 38.6359, 67.2926, 20.1850 |
| YIQ | 181.3770, -37.8570, -79.3690 |

Conversions

Conversions Part 2

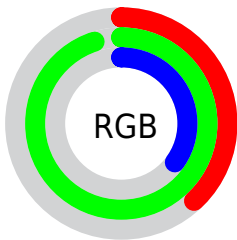
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 88, 243, 235 |
| Decimal | 6353752 |
| CIELab | 85.65, -67.77, 61.22 |
| CIELCh | 86, 91.327, 137.905 |
| Yxy | 67.2926, 0.3064, 0.5336 |
| Android (android.graphics.Color) | 4284543832 (0xFF60F358) |
| YUV | 181.3770, -46.0349, -74.8756 |
| Hunter-Lab | 82.0320, -59.4851, 42.8334 |

Details

The Hex color **60F358** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **EB58F3**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **A0FF8F**, and **00B91B** is the 20% darker color. If you saturate the color by 10%, you get **49F340**, and if you desaturate by 10%, it is **77F370**.

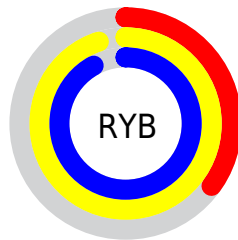
Distribution



Red (38%)

Green (95%)

Blue (35%)



Red (35%)

Yellow (95%)

Blue (92%)

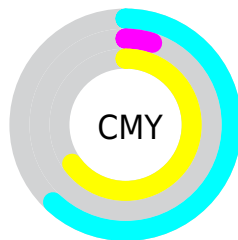


Cyan (60%)

Magenta (0%)

Yellow (64%)

Black (5%)



Cyan (62%)

Magenta (5%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60F358 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 Hex color 60F358 by changing the saturation by 10% instead.

 60F358

 60F358


FFFFFF

 3BD63C

 A0FF8F

 00B91B

 BFFFAB

 009E00

 DDFFC8

 008200

 FCFFE5

 006800

 004E00

 003700

 001C00

 000000

 60F358

 60F358

 49F340

 77F370

 32F327

 8EF389

 1BF30F

 A5F3A1

 0DF300

 BCF3B9

 D3F3D1

 EAF3EA

 FFF3FF

Harmonies

Analogous

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



CEE200



60F358



00FCAF

Triad

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



60F358



00EAF7



FF7FA6

Complementary

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



60F358



EB58F3

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.



FF82FD



60F358



86CEFF

Square

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



60F358



00F9FF



FFA6FF



FFA056

Rectangle

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



60F358



00FEEB



FFA6FF



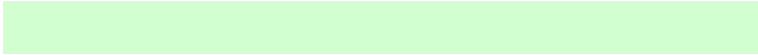
FF7BC3

Sweetspot

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



60F358



D1FFCF



F3E958



648062



000000



808080

Same Dimension

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



60F358



45FF3B



58F39B



6F7A6E



0ABA00



033B00

Inverse Universe

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



EB58F3



F53BFF



F358B0



7A6E7A



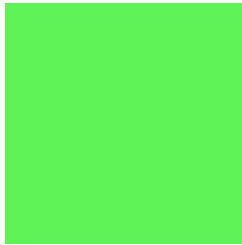
B100BA



38003B

Previews

White Background



This preview shows how the Hex color 60F358 looks on a white background.

Color Contrast Check

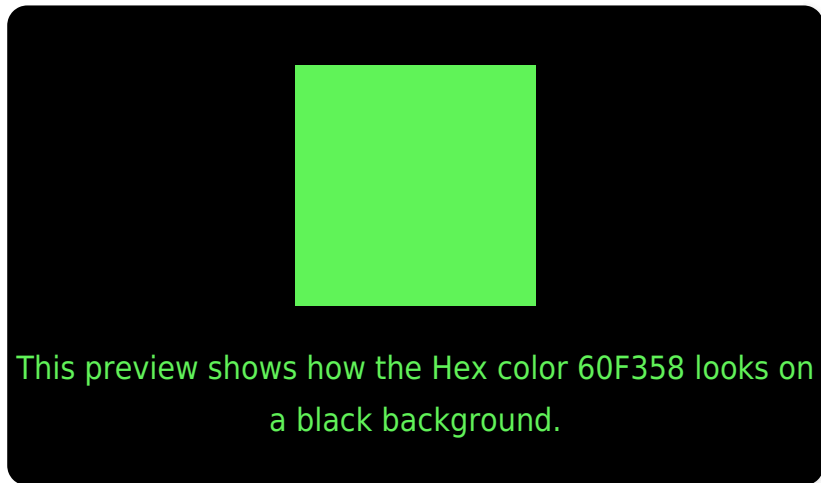
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

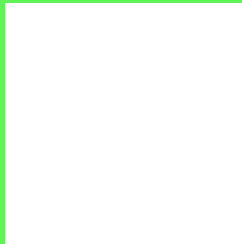
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 60F358 Background



This preview shows how black text looks on a background with the Hex color 60F358.

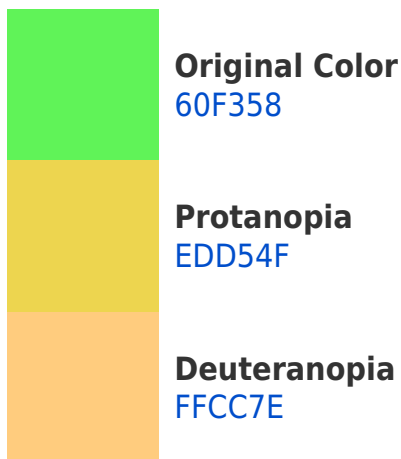


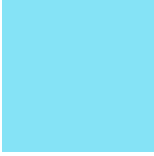
This preview shows how white text looks on a background with the Hex color 60F358.

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
85E3F6

Trichromacy



Original Color
60F358



Protanomaly
BAE052



Deuteranomaly
C5DA70



Tritanomaly
78E9BD

Monochromacy



Original Color
60F358



Achromatopsia
B5B5B5



Achromatomaly
96CC93

CSS Examples

Text

The CSS property to change the color of the text to Hex 60F358 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 #60F358 looks like.

```
.text, #text, p{  
    color:#60F358  
}
```

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 #60F358 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60F358
}
```

Border

The CSS property to change the border of an element to Hex 60F358 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
#60F358 }
```

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

```
.border{ border-color:#60F358 }
```

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

Here you see how a box with a 4 pixel #60F358 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60F358; -webkit-box-shadow:4px 4px  
4px 4px #60F358; box-shadow:4px 4px 4px  
4px #60F358 }
```

Background

The CSS property to change the background color of an element to Hex 60F358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60F358 }
```

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

```
.background{ background-color:#60F358 }
```

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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