

Converting Colors

Hex(60F042)

Have a look what the booklet for
Hex(60F042) contains.

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Color

Hex(60F042)

Conversions

Conversions Part 1

Format	Color
Hex	60F042
RGB	96, 240, 66
RGB Percent	38%, 94%, 26%
CMY	0.6235, 0.0588, 0.7412
CMYK	0.60, 0.00, 0.72, 0.06
HSL	110°, 85%, 60%
HSV	110°, 72%, 94%
XYZ	36.9673, 65.2003, 15.7908
YIQ	177.1080, -29.9700, -84.6420

Conversions

Conversions Part 2

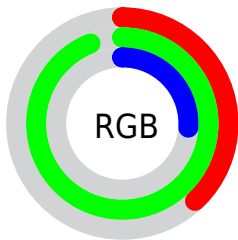
Format	Color
RYB	66, 240, 210
Decimal	6352962
CIELab	84.59, -68.59, 68.35
CIELCh	85, 96.829, 135.101
Yxy	65.2003, 0.3134, 0.5527
Android (android.graphics.Color)	4284543042 (0xFF60F042)
YUV	177.1080, -54.7762, -71.1317
Hunter-Lab	80.7467, -59.5862, 44.9280

Details

The Hex color **60F042** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed chartreuse. A complement of this color would be **D242F0**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A0FF7C**, and **00B700** is the 20% darker color. If you saturate the color by 10%, you get **4CF02A**, and if you desaturate by 10%, it is **74F05A**.

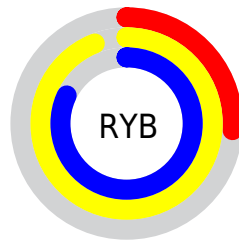
Distribution



Red (38%)

Green (94%)

Blue (26%)



Red (26%)

Yellow (94%)

Blue (82%)

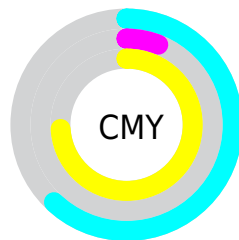


Cyan (60%)

Magenta (0%)

Yellow (72%)

Black (6%)



Cyan (62%)

Magenta (6%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60F042 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 60F042 by changing the saturation by 10% instead.

 60F042

 60F042


FFFFFF

 3BD320

 A0FF7C

 00B700

 BFFF98

 009B00

 DEFFB5

 008000

 FDFFD2


 006500

 FFFFEF

 004C00

 003400

 001900

 000000

 60F042

 60F042

 4CF02A

 74F05A

 38F012

 88F072

 29F000

 9CF08A

 AFF0A2

 C3F0BA

 D7F0D2

 EBF0EA

 FFF0FF

Harmonies

Analogous

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



D1DD00



60F042



00FAA1

Triad

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



60F042



00EBFF



FF70A9

Complementary

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



60F042



D242F0

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.



FF78FF



60F042



53CEFF

Square

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



60F042



00F9FF



FFA4FF



FF9453

Rectangle

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



60F042



00FCE1



FFA4FF



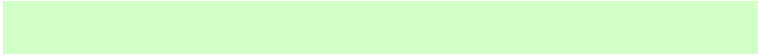
FF6CC7

Sweetspot

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



60F042



D1FFC7



F0D042



64805E



000000



808080

Same Dimension

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



60F042



47FF21



42F079



6E786C



20B800



0A3800

Inverse Universe

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



D242F0



D921FF



F042B9



766C78



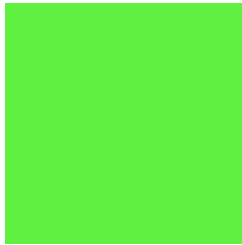
9800B8



2E0038

Previews

White Background



This preview shows how the Hex color 60F042 looks on a white background.

Color Contrast Check

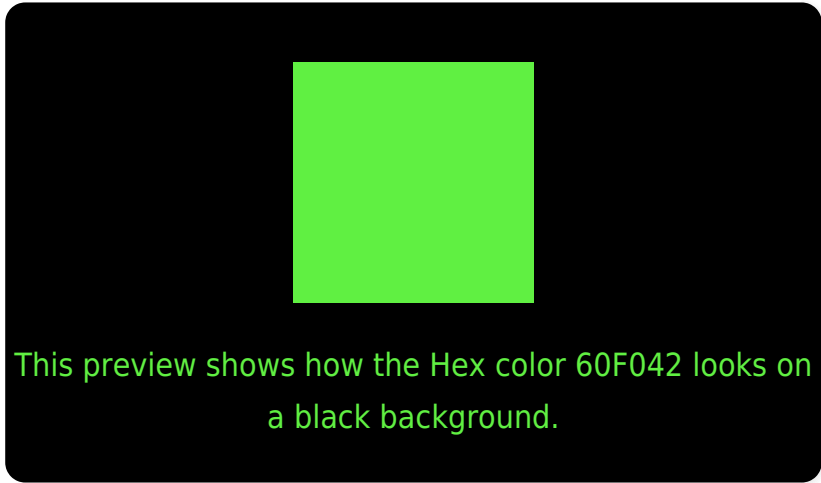
Large Text (above 18pt) WCAG AA × Fail

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

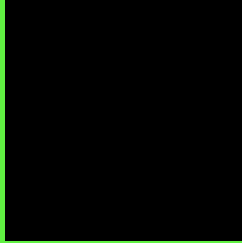
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

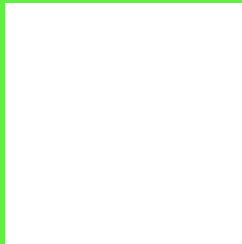
Any Text WCAG AAA ✓ Pass

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

Hex 60F042 Background



This preview shows how black text looks on a background with the Hex color 60F042.

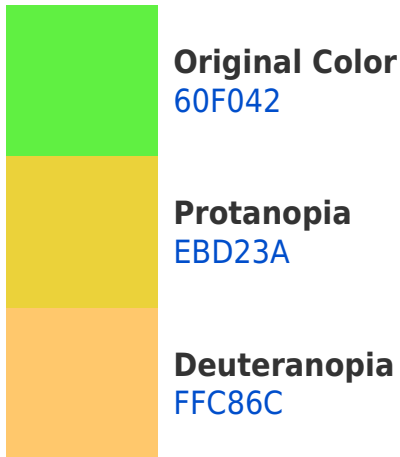


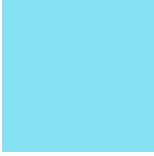
This preview shows how white text looks on a background with the Hex color 60F042.

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](#).

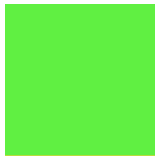
Dichromacy





Tritanopia
85E0F2

Trichromacy



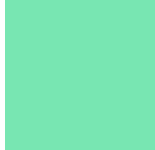
Original Color
60F042



Protanomaly
B8DD3D

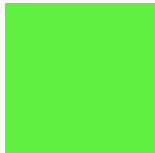


Deuteranomaly
C5D75D

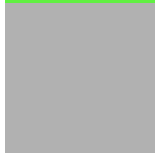


Tritanomaly
78E6B2

Monochromacy



Original Color
60F042



Achromatopsia
B1B1B1



Achromatomaly
94C889

CSS Examples

Text

The CSS property to change the color of the text to Hex 60F042 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 #60F042 looks like.

```
.text, #text, p{  
    color:#60F042  
}
```

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 #60F042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60F042
}
```

Border

The CSS property to change the border of an element to Hex 60F042 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
#60F042 }
```

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

```
.border{ border-color:#60F042 }
```

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

Here you see how a box with a 4 pixel #60F042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60F042; -webkit-box-shadow:4px 4px  
4px 4px #60F042; box-shadow:4px 4px 4px  
4px #60F042 }
```

Background

The CSS property to change the background color of an element to Hex 60F042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60F042 }
```

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

```
.background{ background-color:#60F042 }
```

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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