

Converting Colors

Hex(68F73D)

Have a look what the booklet for
Hex(68F73D) contains.

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Color

Hex(68F73D)

Conversions

Conversions Part 1

Format	Color
Hex	68F73D
RGB	104, 247, 61
RGB Percent	41%, 97%, 24%
CMY	0.5922, 0.0314, 0.7608
CMYK	0.58, 0.00, 0.75, 0.03
HSL	106°, 92%, 60%
HSV	106°, 75%, 97%
XYZ	39.8120, 69.8015, 15.7896
YIQ	183.0390, -25.5220, -88.1620

Conversions

Conversions Part 2

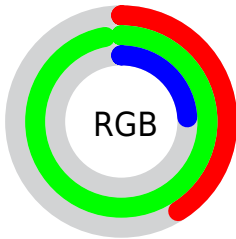
Format	Color
RYB	61, 247, 204
Decimal	6879037
CIELab	86.90, -69.43, 72.34
CIELCh	87, 100.263, 133.823
Yxy	69.8015, 0.3175, 0.5566
Android (android.graphics.Color)	4285069117 (0xFF68F73D)
YUV	183.0390, -60.1652, -69.3172
Hunter-Lab	83.5473, -61.1489, 47.2779

Details

The Hex color **68F73D** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **CC3DF7**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **A8FF79**, and **0ABD00** is the 20% darker color. If you saturate the color by 10%, you get **55F724**, and if you desaturate by 10%, it is **7BF756**.

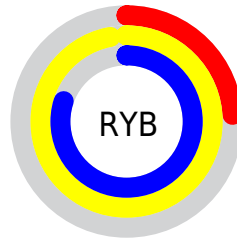
Distribution



Red (41%)

Green (97%)

Blue (24%)



Red (24%)

Yellow (97%)

Blue (80%)

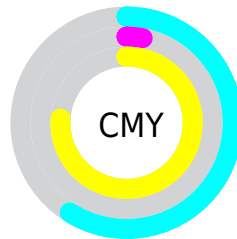


Cyan (58%)

Magenta (0%)

Yellow (75%)

Black (3%)



Cyan (59%)

Magenta (3%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68F73D 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 68F73D by changing the saturation by 10% instead.

 68F73D

 68F73D

FFFFFF

 44DA16

 A8FF79

 0ABD00

 C7FF95

 00A100

 E6FFB2

 008600

 FFFFCE

 006C00

 FFFFED

 005200

 003A00

 002000

 000000

 68F73D

 68F73D

 55F724

 7BF756

 42F70C

 8EF76E

 39F700

 A1F787

 B4F7A0

 C7F7B9

 DAF7D1

 EDF7EA

 FFF7FF

Harmonies

Analogous

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



DCE300



68F73D



00FFA1

Triad

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



68F73D



00F3FF



FF71B2

Complementary

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



68F73D



CC3DF7

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.



FF7BFF



68F73D



36D6FF

Square

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



68F73D



00FFFF



FFAAFF



FF9658

Rectangle

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



68F73D



00FFE4



FFAAFF



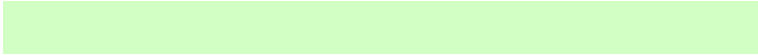
FF6DD2

Sweetspot

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



68F73D



D2FFC4



F7CC3D



64805C



000000



808080

Same Dimension

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



68F73D



4FFF19



3DF76F



717A6E



2BBA00



0E3B00

Inverse Universe

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



CC3DF7



CA19FF



F73DC5



786E7A



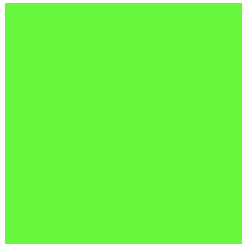
8F00BA



2D003B

Previews

White Background



This preview shows how the Hex color 68F73D looks on a white background.

Color Contrast Check

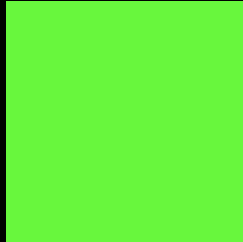
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 68F73D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

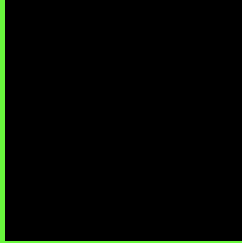
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

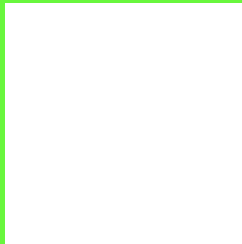
Any Text WCAG AAA ✓ Pass

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

Hex 68F73D Background



This preview shows how black text looks on a background with the Hex color 68F73D.

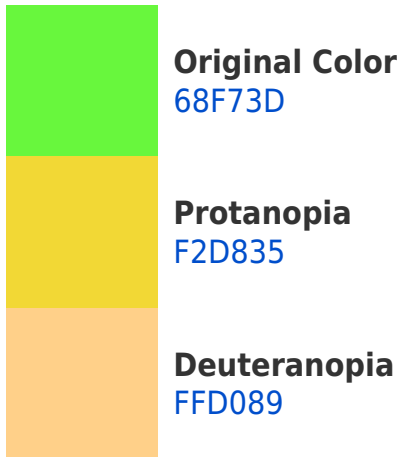


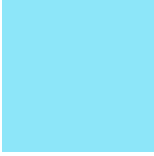
This preview shows how white text looks on a background with the Hex color 68F73D.

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](#).

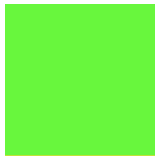
Dichromacy





Tritanopia
8DE6F9

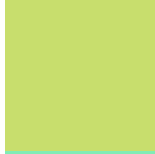
Trichromacy



Original Color
68F73D



Protanomaly
C0E338

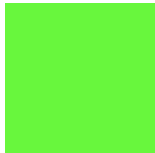


Deuteranomaly
C8DE6D

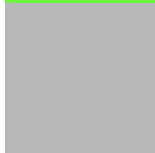


Tritanomaly
80ECB5

Monochromacy



Original Color
68F73D



Achromatopsia
B7B7B7



Achromatomaly
9ACE8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 68F73D 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 #68F73D looks like.

```
.text, #text, p{  
    color:#68F73D  
}
```

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 #68F73D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68F73D
}
```

Border

The CSS property to change the border of an element to Hex 68F73D 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
#68F73D }
```

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

```
.border{ border-color:#68F73D }
```

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

Here you see how a box with a 4 pixel #68F73D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68F73D; -webkit-box-shadow:4px 4px  
4px 4px #68F73D; box-shadow:4px 4px 4px  
4px #68F73D }
```

Background

The CSS property to change the background color of an element to Hex 68F73D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68F73D }
```

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

```
.background{ background-color:#68F73D }
```

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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