

Converting Colors

Hex(6DF64E)

Have a look what the booklet for
Hex(6DF64E) contains.

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Color

Hex(6DF64E)

Conversions

Conversions Part 1

Format	Color
Hex	6DF64E
RGB	109, 246, 78
RGB Percent	43%, 96%, 31%
CMY	0.5725, 0.0353, 0.6941
CMYK	0.56, 0.00, 0.68, 0.04
HSL	109°, 90%, 64%
HSV	109°, 68%, 96%
XYZ	40.6376, 69.7128, 18.5218
YIQ	185.8850, -27.7240, -81.2920

Conversions

Conversions Part 2

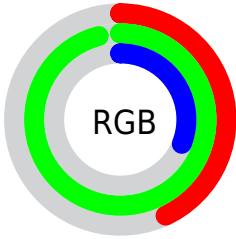
Format	Color
RYB	78, 246, 215
Decimal	7206478
CIELab	86.86, -66.67, 66.52
CIELCh	87, 94.180, 135.064
Yxy	69.7128, 0.3153, 0.5409
Android (android.graphics.Color)	4285396558 (0xFF6DF64E)
YUV	185.8850, -53.1873, -67.4281
Hunter-Lab	83.4942, -59.2368, 45.2934

Details

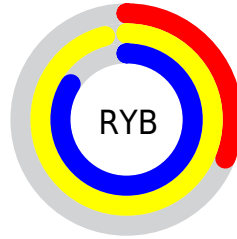
The Hex color **6DF64E** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed chartreuse. A complement of this color would be **D74EF6**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **ABFF87**, and **1FBC00** is the 20% darker color. If you saturate the color by 10%, you get **59F635**, and if you desaturate by 10%, it is **81F667**.

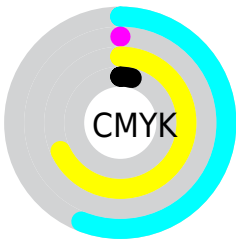
Distribution



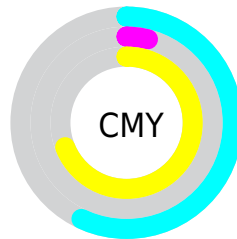
- Red (43%)
- Green (96%)
- Blue (31%)



- Red (31%)
- Yellow (96%)
- Blue (84%)



- Cyan (56%)
- Magenta (0%)
- Yellow (68%)
- Black (4%)



- Cyan (57%)
- Magenta (4%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DF64E 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 6DF64E by changing the saturation by 10% instead.

 6DF64E

 6DF64E

FFFFFF

 4BD92F

 ABFF87

 1FBC00

 CAFFA3

 00A100

 E9FFC0

 008500

 FFFFDD

 006B00

 FFFFFA

 005100

 003900

 002000

 000000

 6DF64E

 6DF64E

 59F635

 81F667

 45F61D

 95F67F

 31F604

 A9F698

 2DF600

 BDF6B0

 D1F6C9

 E5F6E2

 F9F6FA

 FFF6FF

Harmonies

Analogous

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



D9E300



6DF64E



00FFA8

Triad

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



6DF64E



00F0FF



FF7DB0

Complementary

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



6DF64E



D74EF6

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.



FF84FF



6DF64E



69D5FF

Square

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



6DF64E



00FEFF



FFACFF



FF9D5D

Rectangle

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



6DF64E



00FE7



FFACFF



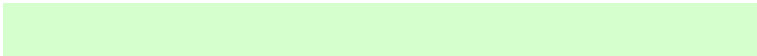
FF7ACE

Sweetspot

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



6DF64E



D5FFCC



F6D44E



678061



000000



808080

Same Dimension

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



6DF64E



54FF2E



4EF680



707A6E



22BA00



0B3B00

Inverse Universe

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



D74EF6



D82EFF



F64EC4



786E7A



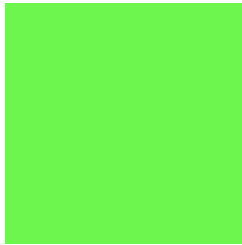
9800BA



30003B

Previews

White Background



This preview shows how the Hex color 6DF64E looks on a white background.

Color Contrast Check

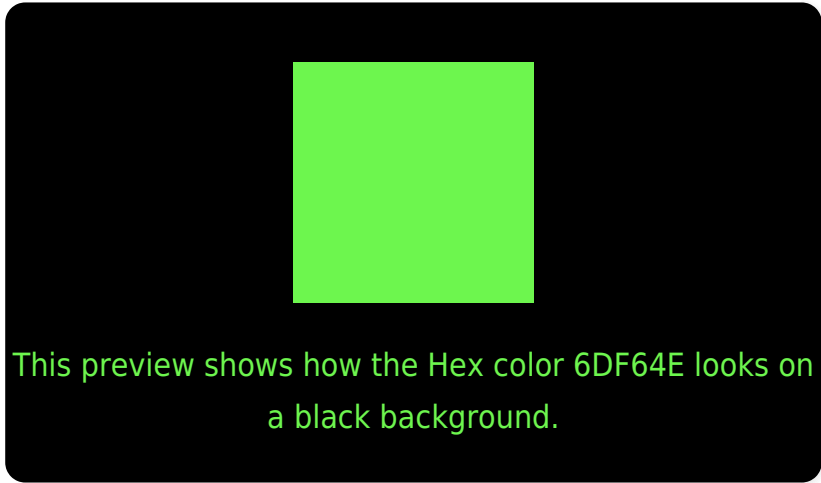
Large Text (above 18pt) WCAG AA × Fail

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

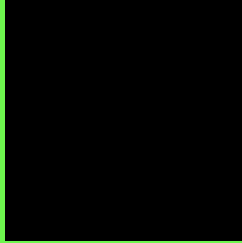
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

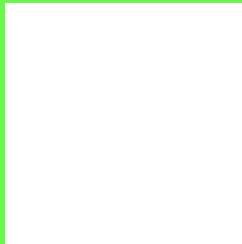
Any Text WCAG AAA ✓ Pass

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

Hex 6DF64E Background



This preview shows how black text looks on a background with the Hex color 6DF64E.

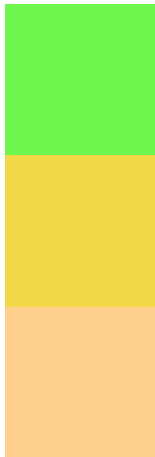


This preview shows how white text looks on a background with the Hex color 6DF64E.

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](#).

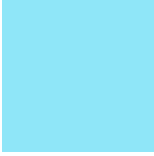
Dichromacy



Original Color
6DF64E

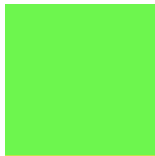
Protanopia
F2D846

Deuteranopia
FFD08B



Tritanopia
8FE6F8

Trichromacy



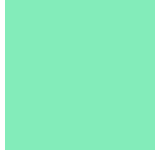
Original Color
6DF64E



Protanomaly
C2E349



Deuteranomaly
CADE75

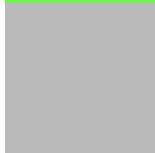


Tritanomaly
83ECBA

Monochromacy



Original Color
6DF64E



Achromatopsia
BABABA



Achromatomaly
9ED093

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DF64E 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 #6DF64E looks like.

```
.text, #text, p{  
    color:#6DF64E  
}
```

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 #6DF64E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DF64E
}
```

Border

The CSS property to change the border of an element to Hex 6DF64E 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
#6DF64E }
```

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

```
.border{ border-color:#6DF64E }
```

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

Here you see how a box with a 4 pixel #6DF64E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DF64E; -webkit-box-shadow:4px 4px  
4px 4px #6DF64E; box-shadow:4px 4px 4px  
4px #6DF64E }
```

Background

The CSS property to change the background color of an element to Hex 6DF64E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DF64E }
```

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

```
.background{ background-color:#6DF64E }
```

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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