

Converting Colors

Hex(6BEF74)

Have a look what the booklet for
Hex(6BEF74) contains.

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Color

Hex(6BEF74)

Conversions

Conversions Part 1

Format	Color
Hex	6BEF74
RGB	107, 239, 116
RGB Percent	42%, 94%, 45%
CMY	0.5804, 0.0627, 0.5451
CMYK	0.55, 0.00, 0.51, 0.06
HSL	124°, 80%, 68%
HSV	124°, 55%, 94%
XYZ	40.0823, 66.1198, 27.1728
YIQ	185.5100, -39.1890, -66.2370

Conversions

Conversions Part 2

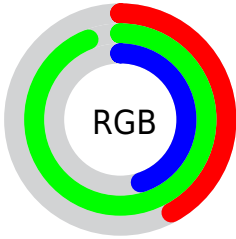
Format	Color
RYB	107, 231, 239
Decimal	7073652
CIELab	85.06, -60.64, 48.32
CIElCh	85, 77.538, 141.452
Yxy	66.1198, 0.3005, 0.4957
Android (android.graphics.Color)	4285263732 (0xFF6BEF74)
YUV	185.5100, -34.2684, -68.8533
Hunter-Lab	81.3141, -54.3113, 37.1068

Details

The Hex color **6BEF74** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **EF6BE6**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **A8FFAA**, and **23B640** is the 20% darker color. If you saturate the color by 10%, you get **53EF5E**, and if you desaturate by 10%, it is **83EF8A**.

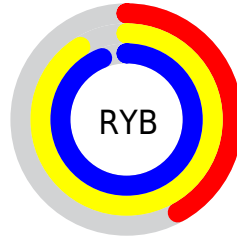
Distribution



Red (42%)

Green (94%)

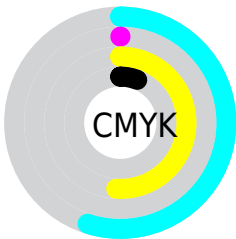
Blue (45%)



Red (42%)

Yellow (91%)

Blue (94%)

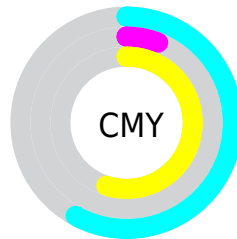


Cyan (55%)

Magenta (0%)

Yellow (51%)

Black (6%)



Cyan (58%)

Magenta (6%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BEF74 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 6BEF74 by changing the saturation by 10% instead.

 6BEF74

FFFFFF

 A8FFAA

 C6FFC6

 E4FFE3

 6BEF74

 4BD25A

 23B640

 009A25

 007F01

 006500

 004C00

 003500

 001A00

 000000

 6BEF74

 6BEF74

 53EF5E

 83EF8A

 3BEF47

 9BEFA1

 23EF31

 B3EFB7

 0BEF1B

 CBEFCD

 00EF10

 E3EFE3

 FAEFFA

 FFEFFF

Harmonies

Analogous

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



C8E03D



6BEF74



00F6BC

Triad

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



6BEF74



00E3FF



FF93A3

Complementary

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



6BEF74



EF6BE6

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.



FF92ED



6BEF74



AFCAFF

Square

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



6BEF74



00F2FF



FFAAFF



FFAC63

Rectangle

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



6BEF74



00F8EF



FFAAFF



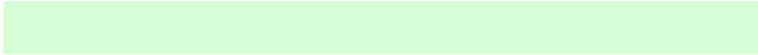
FF8FBB

Sweetspot

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



6BEF74



D4FFD7



E6EF6B



668068



000000



808080

Same Dimension

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



6BEF74



57FF62



6BEFB6



6C786D



00B80D



003804

Inverse Universe

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



EF6BE6



FF57F4



EF6BA4



786C77



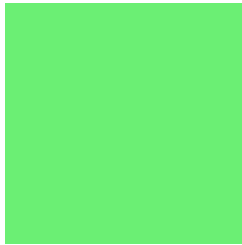
B800AB



380034

Previews

White Background



This preview shows how the Hex color 6BEF74 looks on a white background.

Color Contrast Check

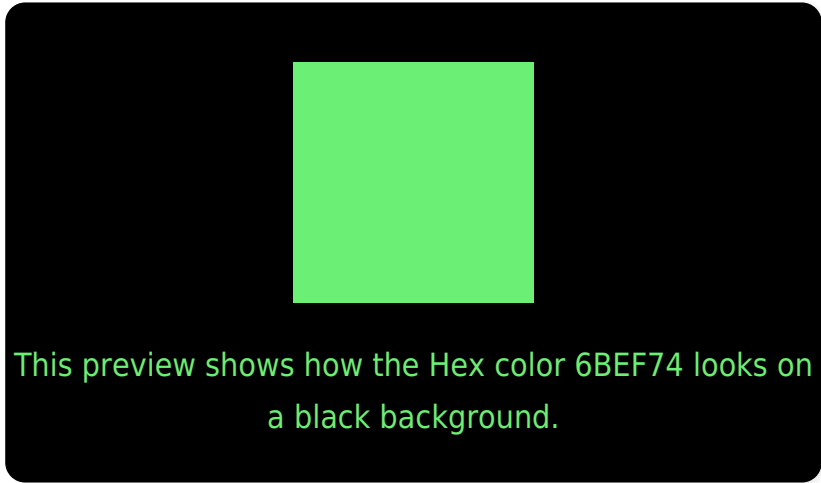
Large Text (above 18pt) WCAG AA × Fail

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

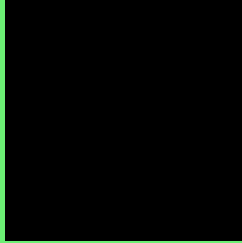
Any Text WCAG AA ✓ Pass

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 6BEF74 Background



This preview shows how black text looks on a background with the Hex color 6BEF74.

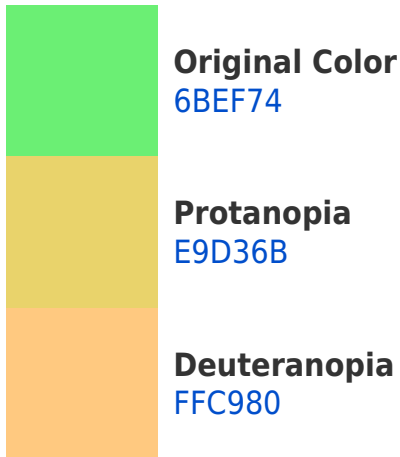


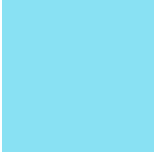
This preview shows how white text looks on a background with the Hex color 6BEF74.

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
89E1F3

Trichromacy



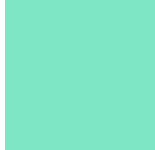
Original Color
6BEF74



Protanomaly
BBDD6E



Deuteranomaly
C9D77C



Tritanomaly
7EE6C5

Monochromacy



Original Color
6BEF74



Achromatopsia
BABABA



Achromatomaly
9DCDA1

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BEF74 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 #6BEF74 looks like.

```
.text, #text, p{  
    color:#6BEF74  
}
```

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 #6BEF74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BEF74
}
```

Border

The CSS property to change the border of an element to Hex 6BEF74 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
#6BEF74 }
```

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

```
.border{ border-color:#6BEF74 }
```

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

Here you see how a box with a 4 pixel #6BEF74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BEF74; -webkit-box-shadow:4px 4px  
4px 4px #6BEF74; box-shadow:4px 4px 4px  
4px #6BEF74 }
```

Background

The CSS property to change the background color of an element to Hex 6BEF74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BEF74 }
```

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

```
.background{ background-color:#6BEF74 }
```

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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