

Converting Colors

Hex(6EB74A)

Have a look what the booklet for
Hex(6EB74A) contains.

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Color

Hex(6EB74A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6EB74A |
| RGB | 110, 183, 74 |
| RGB Percent | 43%, 72%, 29% |
| CMY | 0.5686, 0.2824, 0.7098 |
| CMYK | 0.40, 0.00, 0.60, 0.28 |
| HSL | 100°, 43%, 50% |
| HSV | 100°, 60%, 72% |
| XYZ | 24.5999, 37.6764, 12.4543 |
| YIQ | 148.7470, -8.5190, -49.3750 |

Conversions

Conversions Part 2

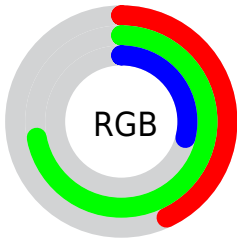
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 74, 183, 147 |
| Decimal | 7255882 |
| CIELab | 67.78, -42.49, 47.37 |
| CIElCh | 68, 63.629, 131.891 |
| Yxy | 37.6764, 0.3292, 0.5042 |
| Android (android.graphics.Color) | 4285445962 (0xFF6EB74A) |
| YUV | 148.7470, -36.8503, -33.9811 |
| Hunter-Lab | 61.3811, -35.8788, 30.9368 |

Details

The Hex color **6EB74A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **934AB7**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A6F07E**, and **368113** is the 20% darker color. If you saturate the color by 10%, you get **62B738**, and if you desaturate by 10%, it is **7AB75C**.

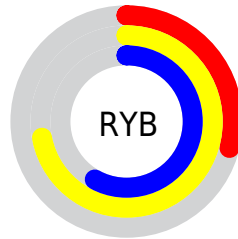
Distribution



Red (43%)

Green (72%)

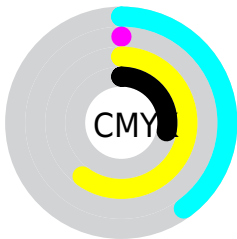
Blue (29%)



Red (29%)

Yellow (72%)

Blue (58%)

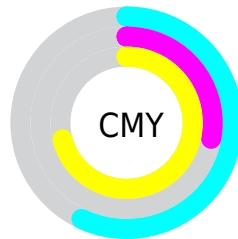


Cyan (40%)

Magenta (0%)

Yellow (60%)

Black (28%)



Cyan (57%)

Magenta (28%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EB74A 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 6EB74A by changing the saturation by 10% instead.

 6EB74A

 6EB74A

FFFFFF

 529C30

 A6F07E

 368113

 C2FF99

 156800

 DFFFB5

 004F00

 FDFFD1

 003700

 FFFFEE

 002200

 000000

 6EB74A

 6EB74A

 62B738

 7AB75C

 55B725

 87B76F

 49B713

 93B781

 3DB701

 9FB793

 3CB700

 ABB7A6

 B8B7B8

 C4B7CA

 D0B7DC

 DCB7EF

Harmonies

Analogous

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



AEA928



6EB74A



00BE7F

Triad

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



6EB74A



00B5FF



FF6F91

Complementary

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



6EB74A



934AB7

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.



FB76CA



6EB74A



5EA4FF

Square

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



6EB74A



00BEF1



C68CFB



FF7F5B

Rectangle

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



6EB74A



00C1A7



C68CFB



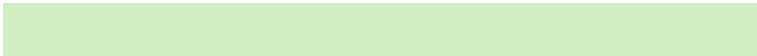
FF6FA4

Sweetspot

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



6EB74A



D1EDC2



B7934A



66785D



F7F7F7



787878

Same Dimension

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



6EB74A



7CED45



4AB75C



565C53



339C00



091C00

Inverse Universe

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



934AB7



B645ED



B74AA5



59535C



68009C



13001C

Previews

White Background



This preview shows how the Hex color 6EB74A looks on a white background.

Color Contrast Check

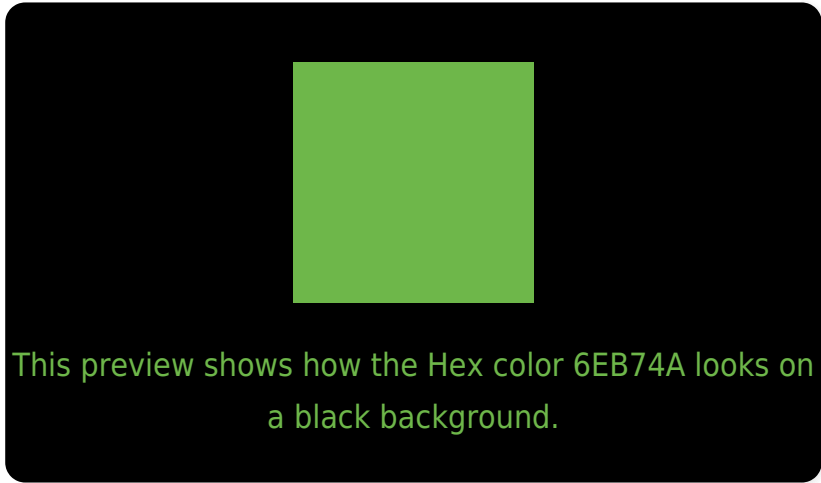
Large Text (above 18pt) WCAG AA × Fail

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 6EB74A Background



This preview shows how black text looks on a background with the Hex color 6EB74A.

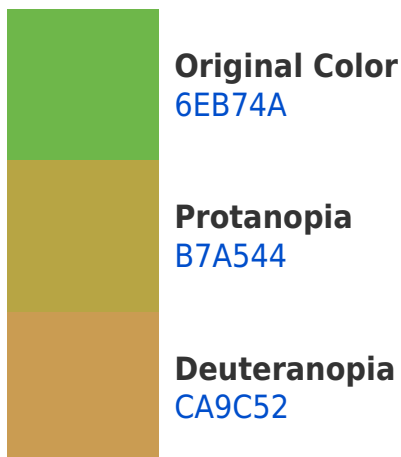


This preview shows how white text looks on a background with the Hex color 6EB74A.

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](#).

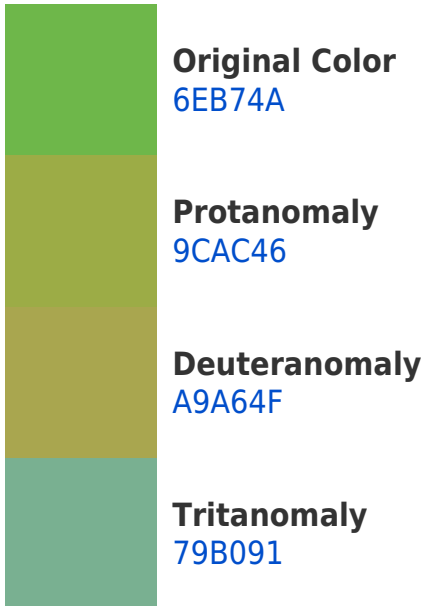
Dichromacy



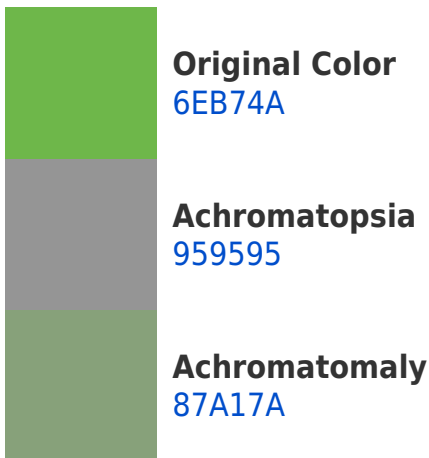


Tritanopia
80ACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EB74A 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 #6EB74A looks like.

```
.text, #text, p{  
    color:#6EB74A  
}
```

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 #6EB74A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EB74A
}
```

Border

The CSS property to change the border of an element to Hex 6EB74A 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
#6EB74A }
```

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

```
.border{ border-color:#6EB74A }
```

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

Here you see how a box with a 4 pixel #6EB74A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EB74A; -webkit-box-shadow:4px 4px  
4px 4px #6EB74A; box-shadow:4px 4px 4px  
4px #6EB74A }
```

Background

The CSS property to change the background color of an element to Hex 6EB74A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EB74A }
```

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

```
.background{ background-color:#6EB74A }
```

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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