

Converting Colors

Hex(6BC24E)

Have a look what the booklet for
Hex(6BC24E) contains.

Hex(6BC24E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6BC24E)

Conversions

Conversions Part 1

Format	Color
Hex	6BC24E
RGB	107, 194, 78
RGB Percent	42%, 76%, 31%
CMY	0.5804, 0.2392, 0.6941
CMYK	0.45, 0.00, 0.60, 0.24
HSL	105°, 49%, 53%
HSV	105°, 60%, 76%
XYZ	26.7303, 42.2594, 13.9558
YIQ	154.7630, -14.6160, -54.5200

Conversions

Conversions Part 2

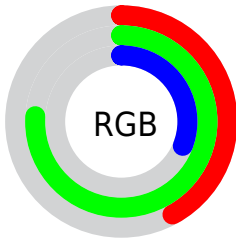
Format	Color
RYB	78, 194, 165
Decimal	7062094
CIELab	71.05, -47.63, 49.25
CIELCh	71, 68.509, 134.042
Yxy	42.2594, 0.3223, 0.5095
Android (android.graphics.Color)	4285252174 (0xFF6BC24E)
YUV	154.7630, -37.8442, -41.8882
Hunter-Lab	65.0073, -40.3653, 32.7767

Details

The Hex color **6BC24E** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **A54EC2**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A4FB83**, and **308C17** is the 20% darker color. If you saturate the color by 10%, you get **5CC23B**, and if you desaturate by 10%, it is **7AC261**.

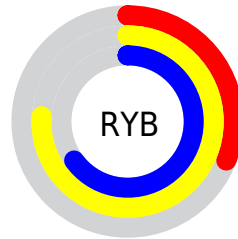
Distribution



Red (42%)

Green (76%)

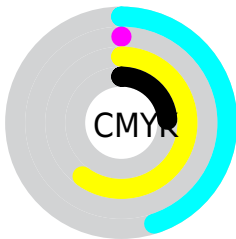
Blue (31%)



Red (31%)

Yellow (76%)

Blue (65%)

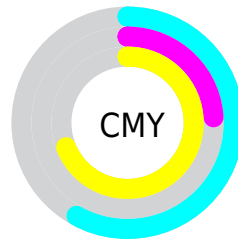


Cyan (45%)

Magenta (0%)

Yellow (60%)

Black (24%)



Cyan (58%)

Magenta (24%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BC24E 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 6BC24E by changing the saturation by 10% instead.



6BC24E



6BC24E

FFFFFF



4FA634



A4FB83



308C17



C0FF9E



047100



DEFFBA



005800



FBFFD6



004000



FFFFFF3



002B00



000700



000000



6BC24E



6BC24E

 5CC23B

 7AC261

 4EC227

 88C275

 3FC214

 97C288

 31C200

 A5C29C

 B4C2AF

 C2C2C2

 D1C2D6

 DFC2E9

 EEC2FD

Harmonies

Analogous

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



B2B424



6BC24E



00CA89

Triad

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



6BC24E



00BEFF



FF7393

Complementary

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



6BC24E



A54EC2

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.



FF78D2



6BC24E



6AABFF

Square

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



6BC24E



00C9FF



D690FF



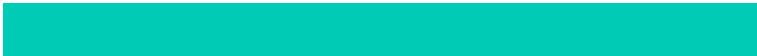
FF8559

Rectangle

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



6BC24E



00CCB5



D690FF



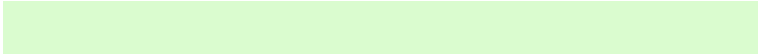
FF72A8

Sweetspot

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



6BC24E



DAFCCF



C2A54E



6A8063



000000



808080

Same Dimension

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



6BC24E



74FC47



4EC26B



5A6157



28A100



082100

Inverse Universe

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



A54EC2



CF47FC



C24EA5



5E5761



7800A1



190021

Previews

White Background



This preview shows how the Hex color 6BC24E looks on a white background.

Color Contrast Check

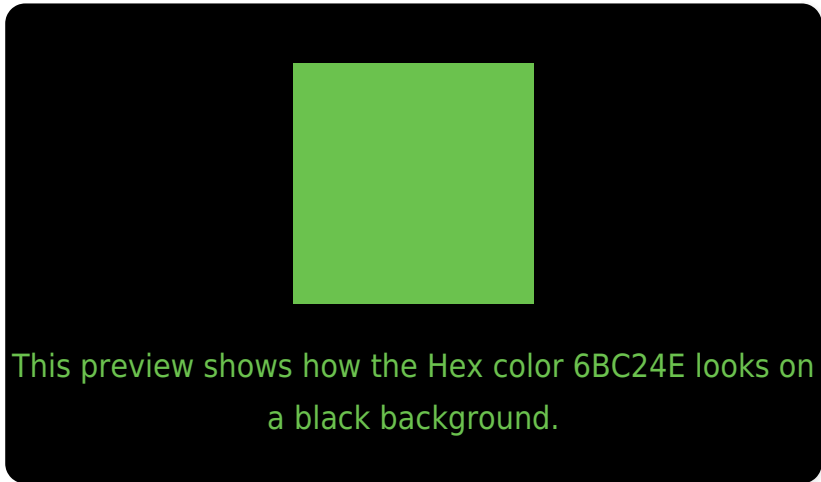
Large Text (above 18pt) WCAG AA × Fail

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

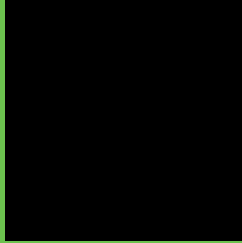
Any Text WCAG AA ✓ Pass

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 6BC24E Background



This preview shows how black text looks on a background with the Hex color 6BC24E.

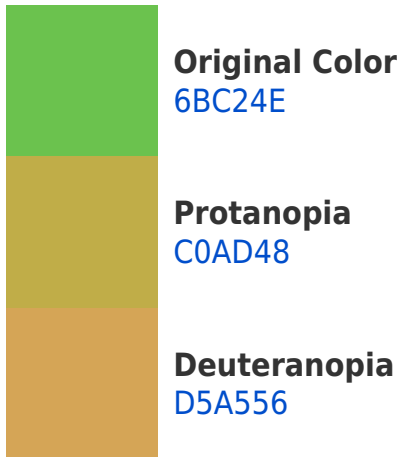


This preview shows how white text looks on a background with the Hex color 6BC24E.

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
80B6C5

Trichromacy



Original Color
6BC24E



Protanomaly
A1B54A



Deuteranomaly
AEB053



Tritanomaly
78BA9A

Monochromacy



Original Color
6BC24E



Achromatopsia
9B9B9B



Achromatomaly
8AA97F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BC24E 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 #6BC24E looks like.

```
.text, #text, p{  
    color:#6BC24E  
}
```

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 #6BC24E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BC24E
}
```

Border

The CSS property to change the border of an element to Hex 6BC24E 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
#6BC24E }
```

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

```
.border{ border-color:#6BC24E }
```

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

Here you see how a box with a 4 pixel #6BC24E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BC24E; -webkit-box-shadow:4px 4px  
4px 4px #6BC24E; box-shadow:4px 4px 4px  
4px #6BC24E }
```

Background

The CSS property to change the background color of an element to Hex 6BC24E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BC24E }
```

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

```
.background{ background-color:#6BC24E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor