

Converting Colors

Hex(6BD54B)

Have a look what the booklet for
Hex(6BD54B) contains.

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Color

Hex(6BD54B)

Conversions

Conversions Part 1

Format	Color
Hex	6BD54B
RGB	107, 213, 75
RGB Percent	42%, 84%, 29%
CMY	0.5804, 0.1647, 0.7059
CMYK	0.50, 0.00, 0.65, 0.16
HSL	106°, 62%, 56%
HSV	106°, 65%, 84%
XYZ	31.1277, 51.2223, 14.9029
YIQ	165.5740, -18.8780, -65.3900

Conversions

Conversions Part 2

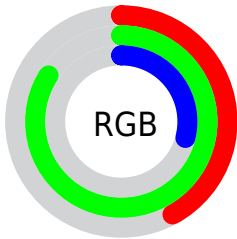
Format	Color
RYB	75, 213, 181
Decimal	7066955
CIELab	76.81, -55.41, 56.95
CIELCh	77, 79.462, 134.215
Yxy	51.2223, 0.3201, 0.5267
Android (android.graphics.Color)	4285257035 (0xFF6BD54B)
YUV	165.5740, -44.6530, -51.3694
Hunter-Lab	71.5698, -47.6125, 37.7529

Details

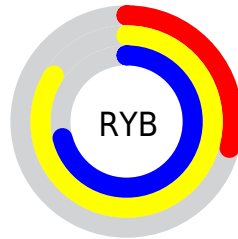
The Hex color **6BD54B** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **B54BD5**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A6FF81**, and **2A9D0B** is the 20% darker color. If you saturate the color by 10%, you get **5BD536**, and if you desaturate by 10%, it is **7BD560**.

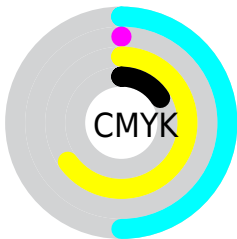
Distribution



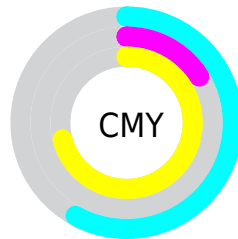
- Red (42%)
- Green (84%)
- Blue (29%)



- Red (29%)
- Yellow (84%)
- Blue (71%)



- Cyan (50%)
- Magenta (0%)
- Yellow (65%)
- Black (16%)



- Cyan (58%)
- Magenta (16%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BD54B 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 6BD54B by changing the saturation by 10% instead.

 6BD54B

 6BD54B

FFFFFF

 4DB92F

 A6FF81

 2A9D0B

 C3FF9D

 008200

 E1FFB9

 006800

 FFFFD6

 004F00

 FFFFF3

 003700

 002000

 000000

 6BD54B

 6BD54B

 5BD536

 7BD560

 4AD520

 8CD576

 3AD50B

 9CD58B

 31D500

 ACD5A0

 BDD5B5

 CDD5CB

 DED5E0

 EED5F5

 FED5FF

Harmonies

Analogous

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



C1C504



6BD54B



00DD93

Triad

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



6BD54B



00D1FF



FF759E

Complementary

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



6BD54B



B54BD5

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.



FF7BE8



6BD54B



64BAFF

Square

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



6BD54B



00DDFF



ED9AFF



FF8C59

Rectangle

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



6BD54B



00E0C6



ED9AFF



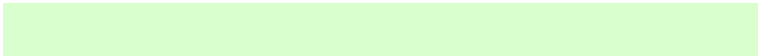
FF73B6

Sweetspot

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



6BD54B



DAFFCF



D5B54B



698062



000000



808080

Same Dimension

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



6BD54B



66FF38



4BD570



636B60



28AB00



0A2B00

Inverse Universe

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



B54BD5



D138FF



D54BB0



69606B



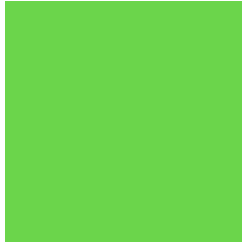
8300AB



21002B

Previews

White Background



This preview shows how the Hex color 6BD54B 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 6BD54B 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 6BD54B Background



This preview shows how black text looks on a background with the Hex color 6BD54B.

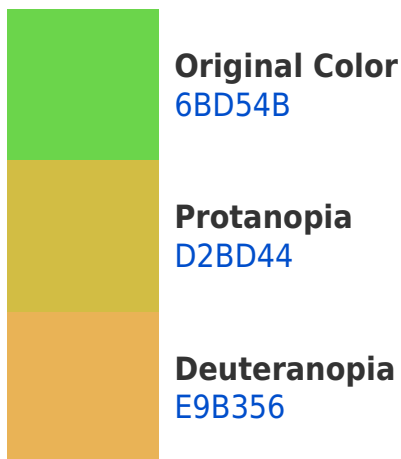


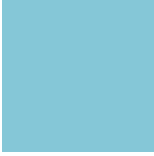
This preview shows how white text looks on a background with the Hex color 6BD54B.

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](#).

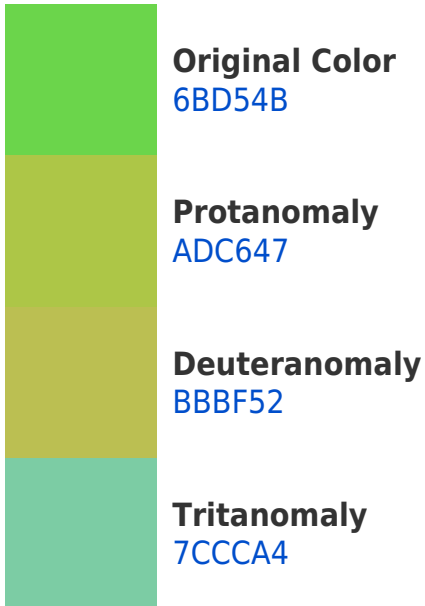
Dichromacy



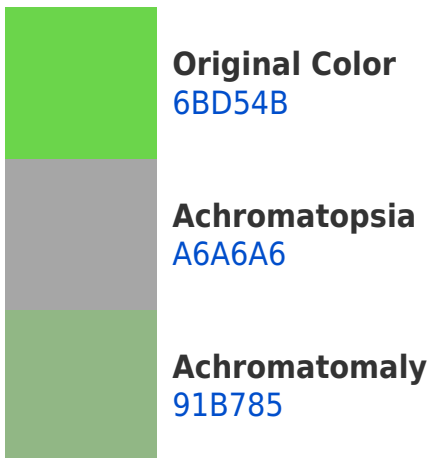


Tritanopia
85C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BD54B 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 #6BD54B looks like.

```
.text, #text, p{  
    color:#6BD54B  
}
```

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 #6BD54B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BD54B
}
```

Border

The CSS property to change the border of an element to Hex 6BD54B 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
#6BD54B }
```

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

```
.border{ border-color:#6BD54B }
```

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

Here you see how a box with a 4 pixel #6BD54B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BD54B; -webkit-box-shadow:4px 4px  
4px 4px #6BD54B; box-shadow:4px 4px 4px  
4px #6BD54B }
```

Background

The CSS property to change the background color of an element to Hex 6BD54B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BD54B }
```

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

```
.background{ background-color:#6BD54B }
```

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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