

Converting Colors

Hex(5BD762)

Have a look what the booklet for
Hex(5BD762) contains.

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Color

Hex(5BD762)

Conversions

Conversions Part 1

Format	Color
Hex	5BD762
RGB	91, 215, 98
RGB Percent	36%, 84%, 38%
CMY	0.6431, 0.1569, 0.6157
CMYK	0.58, 0.00, 0.54, 0.16
HSL	123°, 61%, 60%
HSV	123°, 58%, 84%
XYZ	30.8194, 51.7069, 19.9113
YIQ	164.5860, -36.3470, -62.6750

Conversions

Conversions Part 2

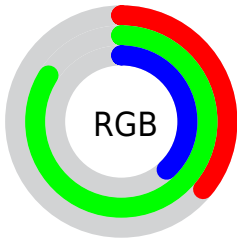
Format	Color
RYB	91, 208, 215
Decimal	6018914
CIELab	77.11, -57.81, 47.01
CIELCh	77, 74.509, 140.886
Yxy	51.7069, 0.3009, 0.5048
Android (android.graphics.Color)	4284208994 (0xFF5BD762)
YUV	164.5860, -32.8269, -64.5349
Hunter-Lab	71.9075, -49.3333, 33.9177

Details

The Hex color **5BD762** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **D75BD0**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **97FF97**, and **059F2E** is the 20% darker color. If you saturate the color by 10%, you get **46D74E**, and if you desaturate by 10%, it is **71D776**.

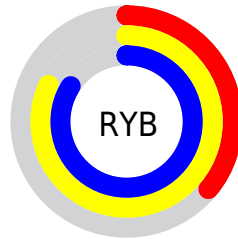
Distribution



Red (36%)

Green (84%)

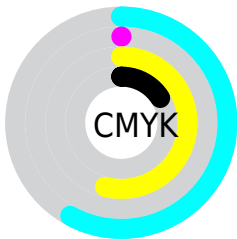
Blue (38%)



Red (36%)

Yellow (82%)

Blue (84%)

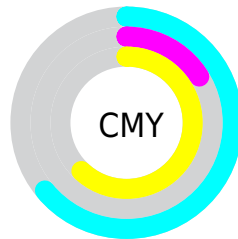


Cyan (58%)

Magenta (0%)

Yellow (54%)

Black (16%)



Cyan (64%)

Magenta (16%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BD762 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 5BD762 by changing the saturation by 10% instead.

 5BD762

 5BD762

FFFFFF

 3ABB48

 97FF97

 059F2E

 B5FFB3

 008410

 D3FFCF

 006A00

 F1FFEC

 005000

 003800


 002000

 000000

 5BD762

 5BD762

 46D74E

 71D776

 30D739

 86D78B

 1BD725

 9CD79F

 05D711

 B1D7B3

 00D70C

 C7D7C7

 DCD7DC

 F2D7F0

 FFD7FF

Harmonies

Analogous

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



B3C92C



5BD762



00DEA6

Triad

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



5BD762



00CCFF



FF8091

Complementary

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



5BD762



D75BD0

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.



FF7ED7



5BD762



97B5FF

Square

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



5BD762



00DAFF



FD97FF



FF9854

Rectangle

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



5BD762



00DFD6



FD97FF



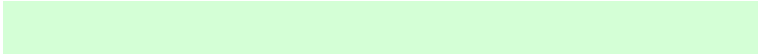
FF7CA8

Sweetspot

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



5BD762



D4FFD6



D1D75B



668067



000000



808080

Same Dimension

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



5BD762



4FFF59



5BD79F



606B61



00AB0A



002B02

Inverse Universe

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



D75BD0



FF4FF5



D75B93



6B606A



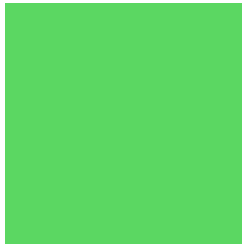
AB00A1



2B0029

Previews

White Background



This preview shows how the Hex color 5BD762 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 5BD762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

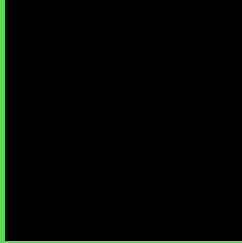
Any Text WCAG AA ✓ Pass

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 5BD762 Background



This preview shows how black text looks on a background with the Hex color 5BD762.

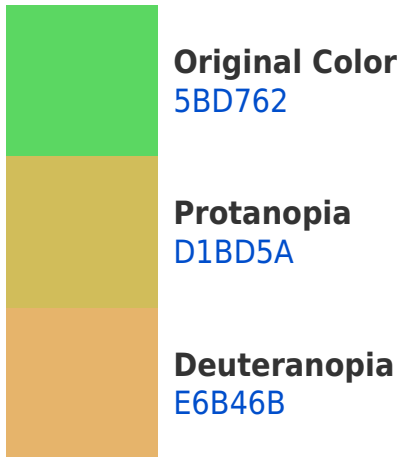


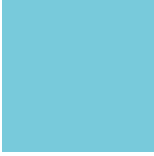
This preview shows how white text looks on a background with the Hex color 5BD762.

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](#).

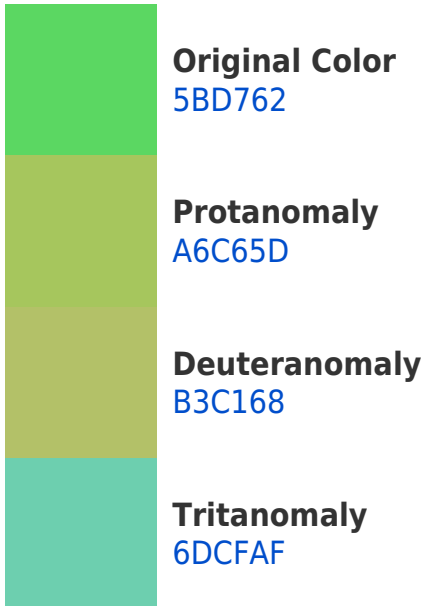
Dichromacy



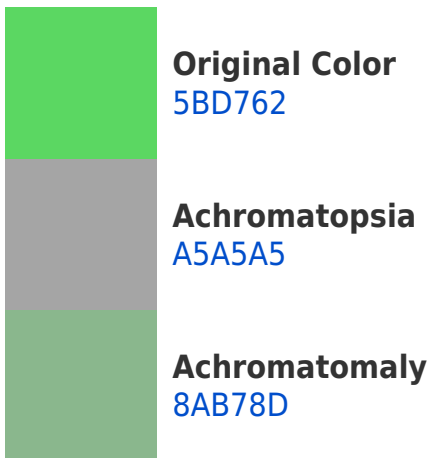


Tritanopia
78CADB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BD762 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 #5BD762 looks like.

```
.text, #text, p{  
    color:#5BD762  
}
```

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 #5BD762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BD762
}
```

Border

The CSS property to change the border of an element to Hex 5BD762 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
#5BD762 }
```

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

```
.border{ border-color:#5BD762 }
```

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

Here you see how a box with a 4 pixel #5BD762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BD762; -webkit-box-shadow:4px 4px  
4px 4px #5BD762; box-shadow:4px 4px 4px  
4px #5BD762 }
```

Background

The CSS property to change the background color of an element to Hex 5BD762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BD762 }
```

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

```
.background{ background-color:#5BD762 }
```

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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