

Converting Colors

Hex(53B062)

Have a look what the booklet for
Hex(53B062) contains.

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Color

Hex(53B062)

Conversions

Conversions Part 1

Format	Color
Hex	53B062
RGB	83, 176, 98
RGB Percent	33%, 69%, 38%
CMY	0.6745, 0.3098, 0.6157
CMYK	0.53, 0.00, 0.44, 0.31
HSL	130°, 37%, 51%
HSV	130°, 53%, 69%
XYZ	21.2972, 33.7715, 16.9513
YIQ	139.3010, -30.3900, -43.9740

Conversions

Conversions Part 2

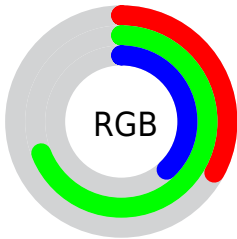
Format	Color
RYB	83, 163, 176
Decimal	5484642
CIELab	64.78, -44.50, 31.69
CIELCh	65, 54.630, 144.549
Yxy	33.7715, 0.2957, 0.4689
Android (android.graphics.Color)	4283674722 (0xFF53B062)
YUV	139.3010, -20.3614, -49.3760
Hunter-Lab	58.1133, -36.2819, 23.3847

Details

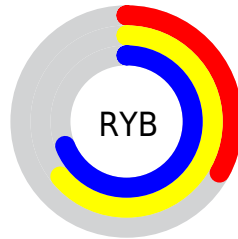
The Hex color **53B062** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B053A1**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8BE896**, and **117A31** is the 20% darker color. If you saturate the color by 10%, you get **41B053**, and if you desaturate by 10%, it is **65B071**.

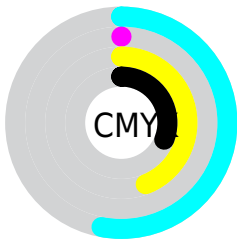
Distribution



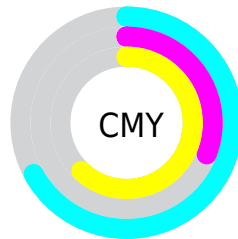
- Red (33%)
- Green (69%)
- Blue (38%)



- Red (33%)
- Yellow (64%)
- Blue (69%)



- Cyan (53%)
- Magenta (0%)
- Yellow (44%)
- Black (31%)



- Cyan (67%)
- Magenta (31%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53B062 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 53B062 by changing the saturation by 10% instead.

 53B062

 53B062

FFFFFF

 369549

 8BE896

 117A31

 A7FFB1

 00611A

 C4FFCD

 004801

 E1FFE9

 003100

FEFFFF

 001900

 000000

 53B062

 53B062

 41B053

 65B071

 30B044

 76B080

 1EB036

 88B08E

 0DB027

 99B09D

 00B01C

 ABB0AC

 BDB0BB

 CEB0C9

 E0B0D8

 F1B0E7

Harmonies

Analogous

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



91A63F



53B062



00B592

Triad

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



53B062



00A5FE



F67577

Complementary

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



53B062



B053A1

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.



F272A8



53B062



9094F6

Square

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



53B062



00B0EC



D080D6



E4854E

Rectangle

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



53B062



00B5B4



D080D6



F87287

Sweetspot

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



53B062



C1E6C7



A2B053



5D7360



F2F2F2



737373

Same Dimension

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



53B062



55E66C



53B08F



505952



009919



001A04

Inverse Universe

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



B053A1



E655CE



B05374



595058



990080



1A0015

Previews

White Background



This preview shows how the Hex color 53B062 looks on a white background.

Color Contrast Check

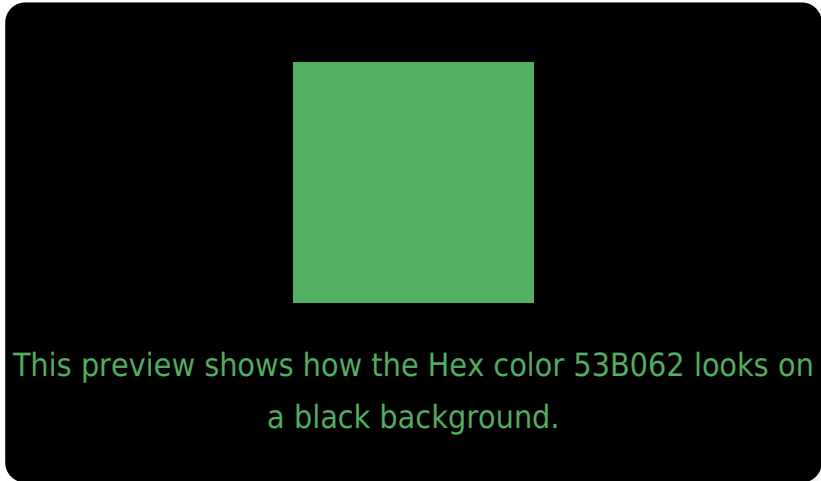
Large Text (above 18pt) WCAG AA × Fail

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 53B062 Background



This preview shows how black text looks on a background with the Hex color 53B062.

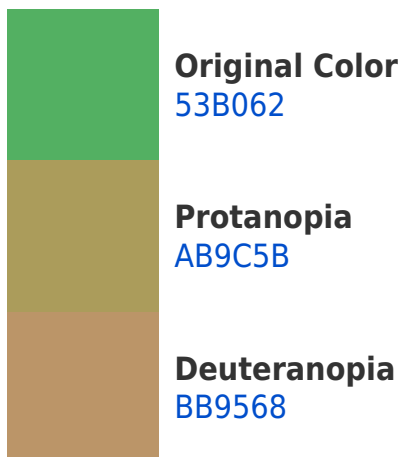


This preview shows how white text looks on a background with the Hex color 53B062.

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
67A7B4

Trichromacy



Original Color
53B062



Protanomaly
8BA35E



Deuteranomaly
959F66



Tritanomaly
60AA96

Monochromacy



Original Color
53B062



Achromatopsia
8B8B8B



Achromatomaly
77987C

CSS Examples

Text

The CSS property to change the color of the text to Hex 53B062 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 #53B062 looks like.

```
.text, #text, p{  
    color:#53B062  
}
```

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 #53B062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53B062
}
```

Border

The CSS property to change the border of an element to Hex 53B062 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
#53B062 }
```

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

```
.border{ border-color:#53B062 }
```

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

Here you see how a box with a 4 pixel #53B062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53B062; -webkit-box-shadow:4px 4px  
4px 4px #53B062; box-shadow:4px 4px 4px  
4px #53B062 }
```

Background

The CSS property to change the background color of an element to Hex 53B062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53B062 }
```

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

```
.background{ background-color:#53B062 }
```

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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