

Converting Colors

Hex(53BC75)

Have a look what the booklet for
Hex(53BC75) contains.

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Color

Hex(53BC75)

Conversions

Conversions Part 1

Format	Color
Hex	53BC75
RGB	83, 188, 117
RGB Percent	33%, 74%, 46%
CMY	0.6745, 0.2627, 0.5412
CMYK	0.56, 0.00, 0.38, 0.26
HSL	139°, 44%, 53%
HSV	139°, 56%, 74%
XYZ	24.7614, 39.0898, 23.0696
YIQ	148.5110, -39.7890, -44.3410

Conversions

Conversions Part 2

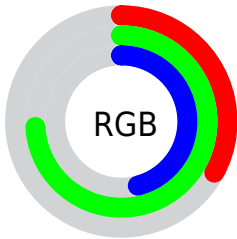
Format	Color
RYB	83, 162, 188
Decimal	5487733
CIELab	68.82, -46.25, 27.00
CIELCh	69, 53.557, 149.721
Yxy	39.0898, 0.2849, 0.4497
Android (android.graphics.Color)	4283677813 (0xFF53BC75)
YUV	148.5110, -15.5349, -57.4531
Hunter-Lab	62.5218, -38.7194, 21.8881

Details

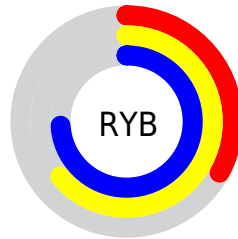
The Hex color **53BC75** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BC539A**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **8CF5AA**, and **098644** is the 20% darker color. If you saturate the color by 10%, you get **40BC68**, and if you desaturate by 10%, it is **66BC82**.

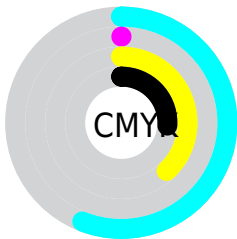
Distribution



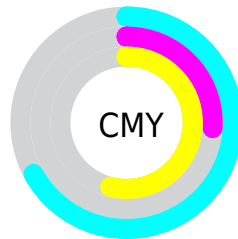
- Red (33%)
- Green (74%)
- Blue (46%)



- Red (33%)
- Yellow (64%)
- Blue (74%)



- Cyan (56%)
- Magenta (0%)
- Yellow (38%)
- Black (26%)



- Cyan (67%)
- Magenta (26%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53BC75 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 53BC75 by changing the saturation by 10% instead.

 53BC75

 53BC75

FFFFFF

 34A15C

 8CF5AA

 098644

 A9FFC5

 006C2C

 C6FFE1

 005316

 E3FFFE

 003A00

 002500

 000000

 53BC75

 53BC75

 40BC68

 66BC82

 2DBC5C

 79BC8E

 1BBC4F

 8BBC9B

 08BC42

 9EBCA8

 00BC3D

 B1BCB5

 C4BCC1

 D7BCCE

 E9BCDB

 FCBC E7

Harmonies

Analogous

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



93B350



53BC75



00C0A6

Triad

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



53BC75



45ADFF



FF837B

Complementary

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



53BC75



BC539A

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.



FF7EAA



53BC75



A99BFC

Square

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



53BC75



00B9FB



E388DA



EA9354

Rectangle

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



53BC75



00C0C7



E388DA



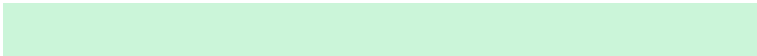
FF808A

Sweetspot

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



53BC75



CBF5D9



9BBC53



627A6A



FAFAFA



7A7A7A

Same Dimension

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



53BC75



51F586



53BCA9



555E58



009E33



001F0A

Inverse Universe

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



BC539A



F551C0



BC5366



5E555B



9E006B



1F0015

Previews

White Background



This preview shows how the Hex color 53BC75 looks on a white background.

Color Contrast Check

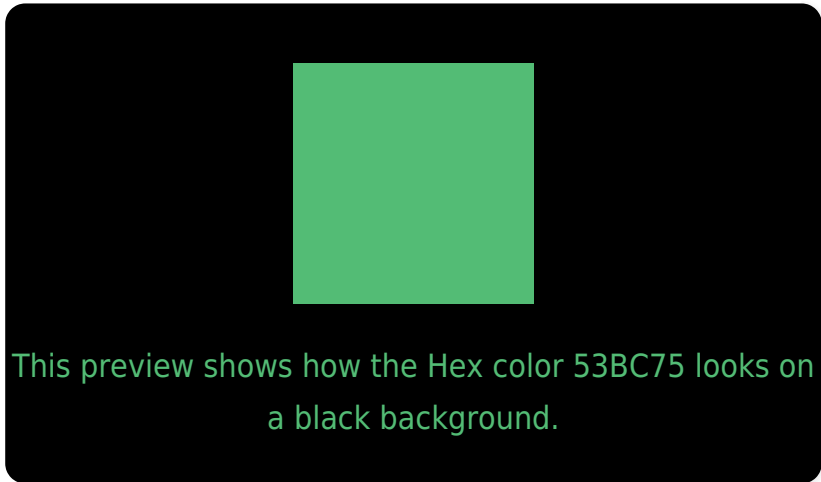
Large Text (above 18pt) WCAG AA × Fail

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

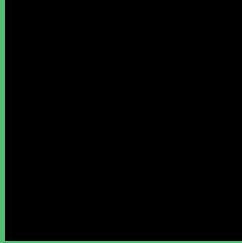
Any Text WCAG AA ✓ Pass

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 53BC75 Background



This preview shows how black text looks on a background with the Hex color 53BC75.

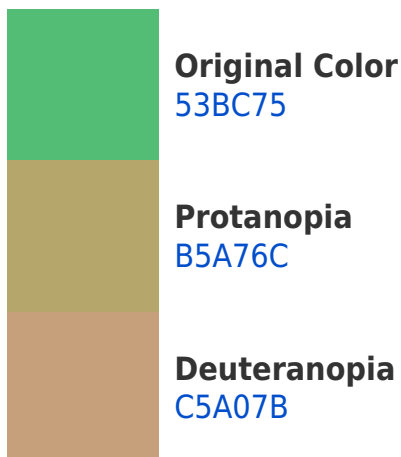


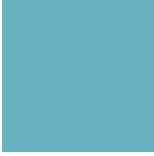
This preview shows how white text looks on a background with the Hex color 53BC75.

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
68B3C1

Trichromacy



Original Color
53BC75



Protanomaly
91AF6F



Deuteranomaly
9CAA79



Tritanomaly
60B6A5

Monochromacy



Original Color
53BC75



Achromatopsia
959595



Achromatomaly
7DA389

CSS Examples

Text

The CSS property to change the color of the text to Hex 53BC75 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 #53BC75 looks like.

```
.text, #text, p{  
    color:#53BC75  
}
```

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 #53BC75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53BC75  
}
```

Border

The CSS property to change the border of an element to Hex 53BC75 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  
#53BC75 }
```

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

```
.border{ border-color:#53BC75 }
```

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

Here you see how a box with a 4 pixel #53BC75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53BC75; -webkit-box-shadow:4px 4px  
4px 4px #53BC75; box-shadow:4px 4px 4px  
4px #53BC75 }
```

Background

The CSS property to change the background color of an element to Hex 53BC75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53BC75 }
```

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

```
.background{ background-color:#53BC75 }
```

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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