

Converting Colors

Hex(53AF6F)

Have a look what the booklet for
Hex(53AF6F) contains.

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Color

Hex(53AF6F)

Conversions

Conversions Part 1

Format	Color
Hex	53AF6F
RGB	83, 175, 111
RGB Percent	33%, 69%, 44%
CMY	0.6745, 0.3137, 0.5647
CMYK	0.53, 0.00, 0.37, 0.31
HSL	138°, 37%, 51%
HSV	138°, 53%, 69%
XYZ	21.7665, 33.6466, 20.3862
YIQ	140.1960, -34.2880, -39.4080

Conversions

Conversions Part 2

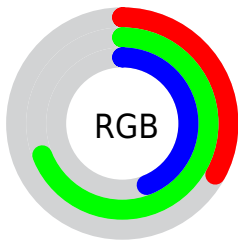
Format	Color
RYB	83, 154, 175
Decimal	5484399
CIELab	64.68, -41.86, 24.69
CIELCh	65, 48.597, 149.467
Yxy	33.6466, 0.2872, 0.4439
Android (android.graphics.Color)	4283674479 (0xFF53AF6F)
YUV	140.1960, -14.3936, -50.1609
Hunter-Lab	58.0057, -34.5284, 19.7665

Details

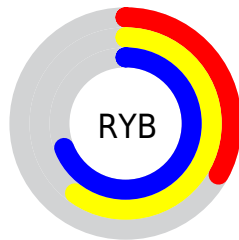
The Hex color **53AF6F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AF5393**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8BE7A3**, and **137A3E** is the 20% darker color. If you saturate the color by 10%, you get **42AF63**, and if you desaturate by 10%, it is **65AF7B**.

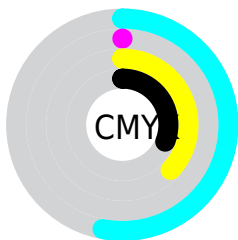
Distribution



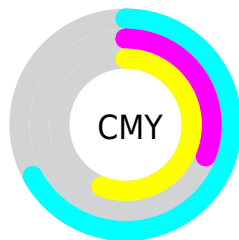
- Red (33%)
- Green (69%)
- Blue (44%)



- Red (33%)
- Yellow (60%)
- Blue (69%)



- Cyan (53%)
- Magenta (0%)
- Yellow (37%)
- Black (31%)



- Cyan (67%)
- Magenta (31%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53AF6F 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 53AF6F by changing the saturation by 10% instead.

■ 53AF6F

■ 53AF6F

FFFFFF

■ 369456

■ 8BE7A3

■ 137A3E

■ A7FFBE

■ 006028

■ C3FFDA

■ 004811

■ E0FFF7

■ 003000

FEFFFF

■ 001900

■ 000000

■ 53AF6F

■ 53AF6F

■ 42AF63

■ 65AF7B

 30AF57

 76AF87

 1EAF4A

 88AF94

 0DAF3E

 99AFA0

 00AF35

 ABAFAC

 BCAFB8

 CEAF4

 DFAFD0

 F1AFDD

Harmonies

Analogous

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



8BA74E



53AF6F



00B39B

Triad

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



53AF6F



49A2F3



EC7C75

Complementary

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



53AF6F



AF5393

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.



EB789F



53AF6F



9E92E9

Square

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



53AF6F



00ADE7



D281CA



D98A53

Rectangle

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



53AF6F



00B3B8



D281CA



EF7982

Sweetspot

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



53AF6F



BFE3CA



93AF53



5D7364



F2F2F2



737373

Same Dimension

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



53AF6F



54E37F



53AF9D



4E5751



00962E



001707

Inverse Universe

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



AF5393



E354B7



AF5365



574E54



960069



170010

Previews

White Background



This preview shows how the Hex color 53AF6F looks on a white background.

Color Contrast Check

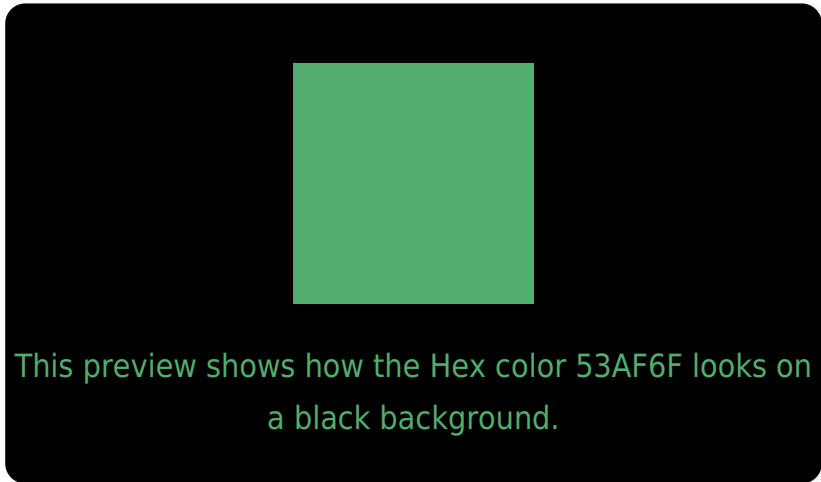
Large Text (above 18pt) WCAG AA × Fail

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

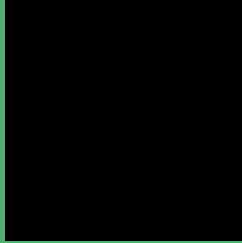
Any Text WCAG AA ✓ Pass

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 53AF6F Background



This preview shows how black text looks on a background with the Hex color 53AF6F.

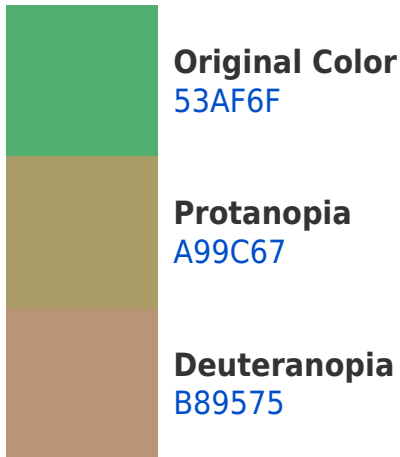


This preview shows how white text looks on a background with the Hex color 53AF6F.

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](#).

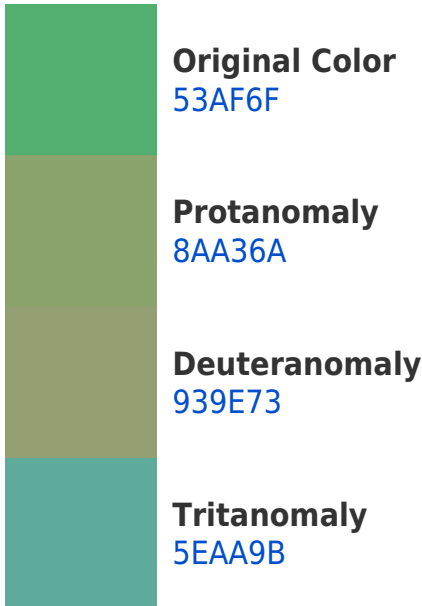
Dichromacy



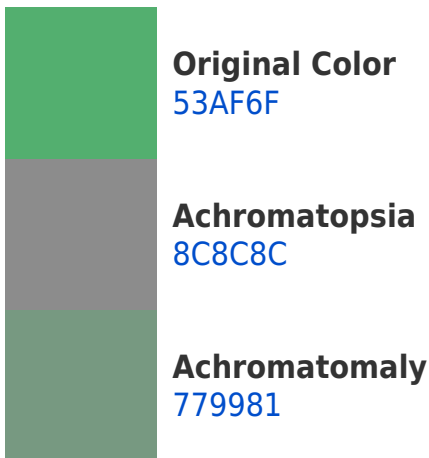


Tritanopia
65A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53AF6F 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 #53AF6F looks like.

```
.text, #text, p{  
    color:#53AF6F  
}
```

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 #53AF6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53AF6F
}
```

Border

The CSS property to change the border of an element to Hex 53AF6F 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
#53AF6F }
```

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

```
.border{ border-color:#53AF6F }
```

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

Here you see how a box with a 4 pixel #53AF6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53AF6F; -webkit-box-shadow:4px 4px  
4px 4px #53AF6F; box-shadow:4px 4px 4px  
4px #53AF6F }
```

Background

The CSS property to change the background color of an element to Hex 53AF6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53AF6F }
```

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

```
.background{ background-color:#53AF6F }
```

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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