

# Converting Colors

Hex(53A764)

Have a look what the booklet for  
Hex(53A764) contains.

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**Color**

**Hex(53A764)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53A764
RGB	83, 167, 100
RGB Percent	33%, 65%, 39%
CMY	0.6745, 0.3451, 0.6078
CMYK	0.50, 0.00, 0.40, 0.35
HSL	132°, 34%, 49%
HSV	132°, 50%, 65%
XYZ	19.6862, 30.3965, 16.8861
YIQ	134.2460, -28.5570, -38.6450

# Conversions

## Conversions Part 2

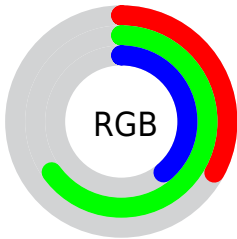
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">83, 153, 167</a>
Decimal	<a href="#">5482340</a>
CIELab	<a href="#">61.99, -40.35, 27.02</a>
CIELCh	<a href="#">62, 48.564, 146.194</a>
Yxy	<a href="#">30.3965, 0.2940, 0.4539</a>
Android (android.graphics.Color)	<a href="#">4283672420 (0xFF53A764)</a>
YUV	<a href="#">134.2460, -16.8833, -44.9427</a>
Hunter-Lab	<a href="#">55.1331, -32.7462, 20.4338</a>

# Details

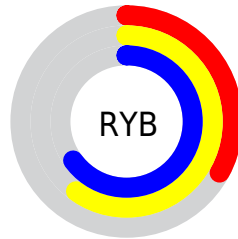
The Hex color **53A764** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A75396**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **8ADF98**, and **177234** is the 20% darker color. If you saturate the color by 10%, you get **42A757**, and if you desaturate by 10%, it is **64A771**.

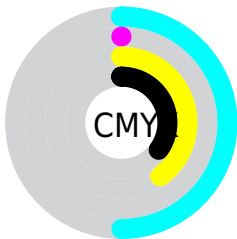
# Distribution



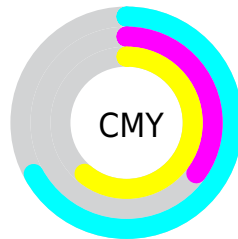
- Red (33%)
- Green (65%)
- Blue (39%)



- Red (33%)
- Yellow (60%)
- Blue (65%)



- Cyan (50%)
- Magenta (0%)
- Yellow (40%)
- Black (35%)



- Cyan (67%)
- Magenta (35%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53A764 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 53A764 by changing the saturation by 10% instead.



 53A764

 53A764

FFFFFF

 378C4C

 8ADF98

 177234

 A6FCB3

 00591D

 C2FFCE

 004106

 DFFFEB

 002B00

 FCFFFF

 000D00

 000000

 53A764

 53A764

 42A757

 64A771

 32A749

 74A77F

 21A73C

 85A78C

 10A72F

 96A799

 00A722

 A6A7A7

 B7A7B4

 C8A7C1

 D9A7CF

 E9A7DC

# Harmonies

## Analogous

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



899F45



53A764



00AB8F

# Triad

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



53A764



2E9CEB



E57472

# Complementary

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



53A764



A75396

# 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.



E2719D



53A764



8F8DE3

# Square

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



53A764



00A6DC



C67CC6



D4824F

# Rectangle

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



53A764



00ABAC



C67CC6



E67280



# Sweetspot

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



53A764



B8D9BF



96A753



5A6E5E



EDEDED



6E6E6E



# Same Dimension

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



53A764



57D971



53A78E



4C544D



00941E



001404



# Inverse Universe

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



A75396



D957BE



A7536C



544C52



940076



140010



# Previews

## White Background



This preview shows how the Hex color 53A764 looks on a white background.

## Color Contrast Check

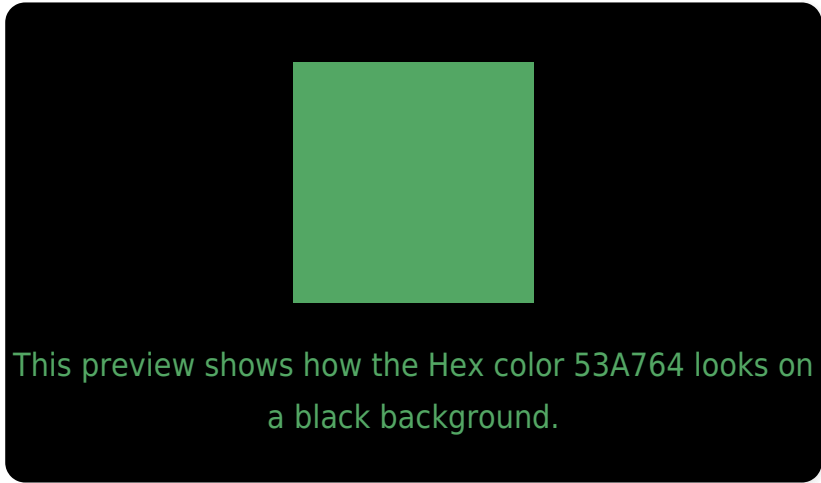
Large Text (above 18pt) WCAG AA × Fail

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

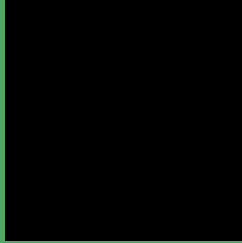
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 53A764 Background



This preview shows how black text looks on a background with the Hex color 53A764.



This preview shows how white text looks on a background with the Hex color 53A764.

# 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



**Original Color**  
53A764

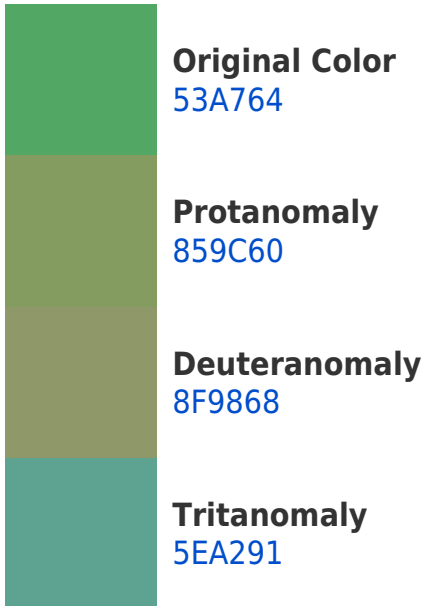
**Protanopia**  
A2955D

**Deuteranopia**  
B18F6A

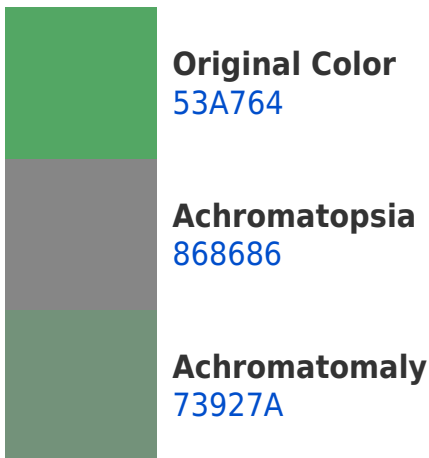


**Tritanopia**  
649FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53A764 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 #53A764 looks like.

```
.text, #text, p{  
    color:#53A764  
}
```

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 #53A764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A764
}
```

## Border

The CSS property to change the border of an element to Hex 53A764 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
#53A764 }
```

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

```
.border{ border-color:#53A764 }
```

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

Here you see how a box with a 4 pixel #53A764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53A764; -webkit-box-shadow:4px 4px  
4px 4px #53A764; box-shadow:4px 4px 4px  
4px #53A764 }
```

# Background

The CSS property to change the background color of an element to Hex 53A764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53A764 }
```

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

```
.background{ background-color:#53A764 }
```

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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