

# Converting Colors

Hex(53A584)

Have a look what the booklet for  
Hex(53A584) contains.

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**Color**

**Hex(53A584)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53A584
RGB	83, 165, 132
RGB Percent	33%, 65%, 52%
CMY	0.6745, 0.3529, 0.4824
CMYK	0.50, 0.00, 0.20, 0.35
HSL	156°, 33%, 49%
HSV	156°, 50%, 65%
XYZ	21.1873, 30.4152, 26.5838
YIQ	136.7200, -38.2790, -27.6470

# Conversions

## Conversions Part 2

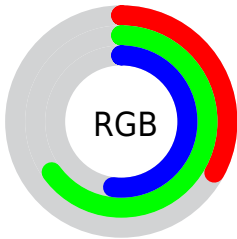
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 134, 165
Decimal	5481860
CIELab	62.01, -33.09, 9.50
CIELCh	62, 34.423, 163.980
Yxy	30.4152, 0.2710, 0.3890
Android (android.graphics.Color)	4283671940 (0xFF53A584)
YUV	136.7200, -2.3270, -47.1124
Hunter-Lab	55.1500, -27.9372, 10.0256

# Details

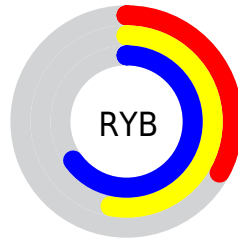
The Hex color **53A584** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A55374**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **89DDB9**, and **187053** is the 20% darker color. If you saturate the color by 10%, you get **42A57D**, and if you desaturate by 10%, it is **63A58B**.

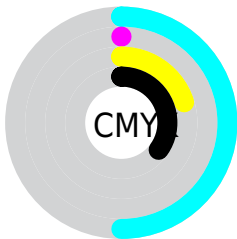
# Distribution



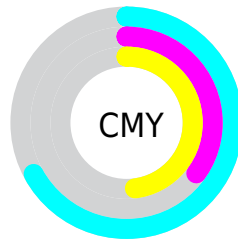
- Red (33%)
- Green (65%)
- Blue (52%)



- Red (33%)
- Yellow (53%)
- Blue (65%)



- Cyan (50%)
- Magenta (0%)
- Yellow (20%)
- Black (35%)



- Cyan (67%)
- Magenta (35%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53A584 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 53A584 by changing the saturation by 10% instead.





53A584



53A584

FFFFFF



378A6B



89DDB9



187053



A5F9D5



00583B



C2FFF1



004026



DEFFFF



002911



FCFFFF



000D00



000000



53A584



53A584



42A57D



63A58B

 32A577

 74A591

 21A570

 84A598

 11A569

 95A59F

 00A563

 A5A5A5

 B6A5AC

 C6A5B2

 D7A5B9

 E7A5C0

# Harmonies

## Analogous

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



7AA069



53A584



26A6A4

# Triad

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



53A584



8194D1



CB846D

# Complementary

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



53A584



A55374

# 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.



D17E89



53A584



AB89C2

# Square

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



53A584



4C9ED0



C780A7



B88E5B

# Rectangle

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



53A584



0CA5B7



C780A7



CF8275



# Sweetspot

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



53A584



B6D6C9



75A553



586B63



EBEBEB



6B6B6B



# Same Dimension

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



53A584



56D6A2



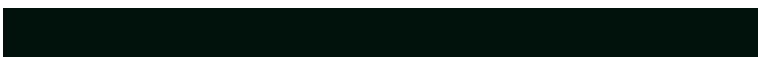
539EA5



49524E



009157



00120B



# Inverse Universe

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



A55374



D65689



A55A53



52494D



91003A

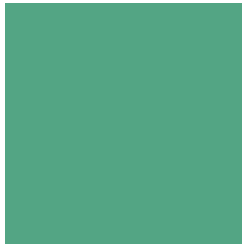


120007



# Previews

## White Background



This preview shows how the Hex color 53A584 looks on a white background.

## Color Contrast Check

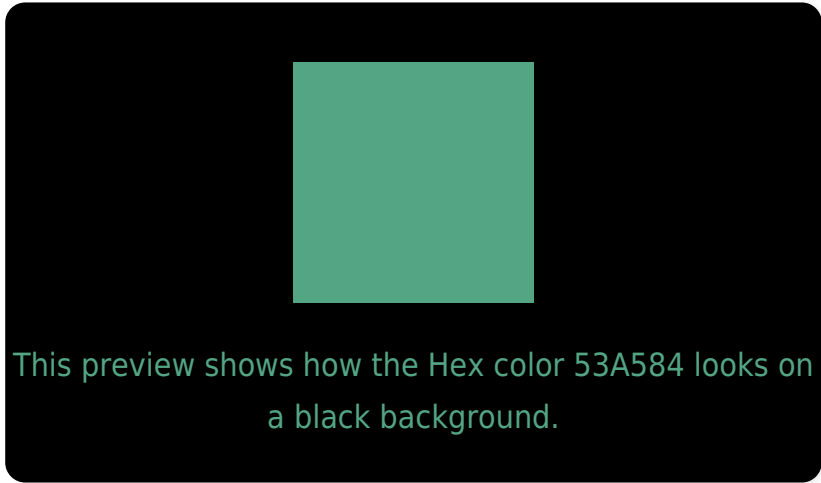
Large Text (above 18pt) WCAG AA × Fail

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

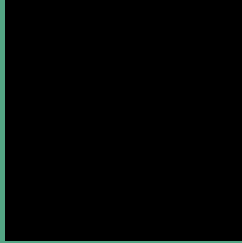
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 53A584 Background



This preview shows how black text looks on a background with the Hex color 53A584.

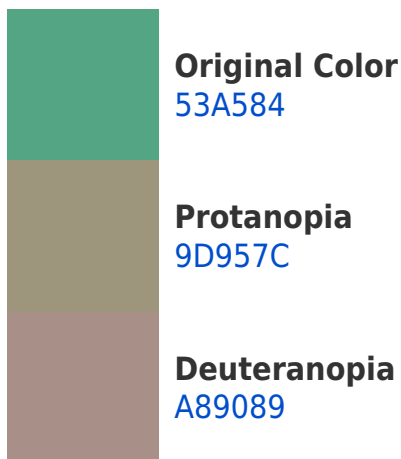


This preview shows how white text looks on a background with the Hex color 53A584.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53A584 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 #53A584 looks like.

```
.text, #text, p{  
    color:#53A584  
}
```

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 #53A584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A584
}
```

## Border

The CSS property to change the border of an element to Hex 53A584 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
#53A584 }
```

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

```
.border{ border-color:#53A584 }
```

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

Here you see how a box with a 4 pixel #53A584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53A584; -webkit-box-shadow:4px 4px  
4px 4px #53A584; box-shadow:4px 4px 4px  
4px #53A584 }
```

# Background

The CSS property to change the background color of an element to Hex 53A584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53A584 }
```

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

```
.background{ background-color:#53A584 }
```

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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