

# Converting Colors

Hex(53855B)

Have a look what the booklet for  
Hex(53855B) contains.

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# Color

Hex(53855B)

# Conversions

## Conversions Part 1

Format	Color
Hex	53855B
RGB	83, 133, 91
RGB Percent	33%, 52%, 36%
CMY	0.6745, 0.4784, 0.6431
CMYK	0.38, 0.00, 0.32, 0.48
HSL	130°, 23%, 42%
HSV	130°, 38%, 52%
XYZ	13.8431, 19.3694, 12.9066
YIQ	113.2620, -16.3180, -23.6620

# Conversions

## Conversions Part 2

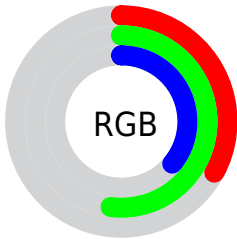
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 126, 133
Decimal	5473627
CIE <sub>Lab</sub>	51.12, -26.23, 17.47
CIE <sub>LCh</sub>	51, 31.514, 146.329
Yxy	19.3694, 0.3002, 0.4200
Android (android.graphics.Color)	4283663707 (0xFF53855B)
YUV	113.2620, -10.9752, -26.5398
Hunter-Lab	44.0107, -20.8732, 13.4201

# Details

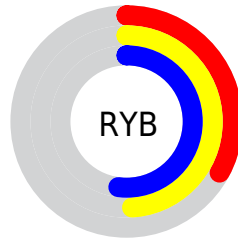
The Hex color **53855B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **85537D**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **86BA8D**, and **22532D** is the 20% darker color. If you saturate the color by 10%, you get **468550**, and if you desaturate by 10%, it is **608566**.

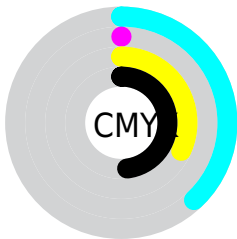
# Distribution



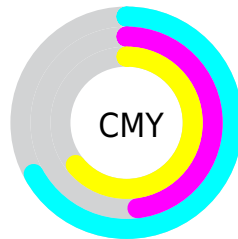
- Red (33%)
- Green (52%)
- Blue (36%)



- Red (33%)
- Yellow (49%)
- Blue (52%)



- Cyan (38%)
- Magenta (0%)
- Yellow (32%)
- Black (48%)



- Cyan (67%)
- Magenta (48%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53855B 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 53855B by changing the saturation by 10% instead.





53855B



53855B

FFFFFF



3A6C43



86BA8D



22532D



A1D6A8



063B17



BDF3C3



002500



D9FFDF



000800



F6FFFC



000000



53855B



53855B



468550



608566



388545



6E8571

 2B8539

 7B857D

 1E852E

 888588

 118523

 968593

 038518

 A3859E

 008515

 B085A9

 BD85B4

 CB85C0

# Harmonies

## Analogous

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



737F48



53855B



2C8875

# Triad

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



53855B



4B7DAF



AD6663

# Complementary

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



53855B



85537D

# 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.



AA657E



53855B



7874AA

# Square

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



53855B



0A84A6



986A98



A36E4E

# Rectangle

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



53855B



008888



986A98



AE656C



# Sweetspot

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



53855B



9AAD9D



7E8553



4B574D



D6D6D6



575757



# Same Dimension

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



53855B



5FAD6C



538574



3C423D



008215



000300



# Inverse Universe

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



85537D



AD5FA1



855365



423C41



82006D



030002



# Previews

## White Background



This preview shows how the Hex color 53855B looks on a white background.

## Color Contrast Check

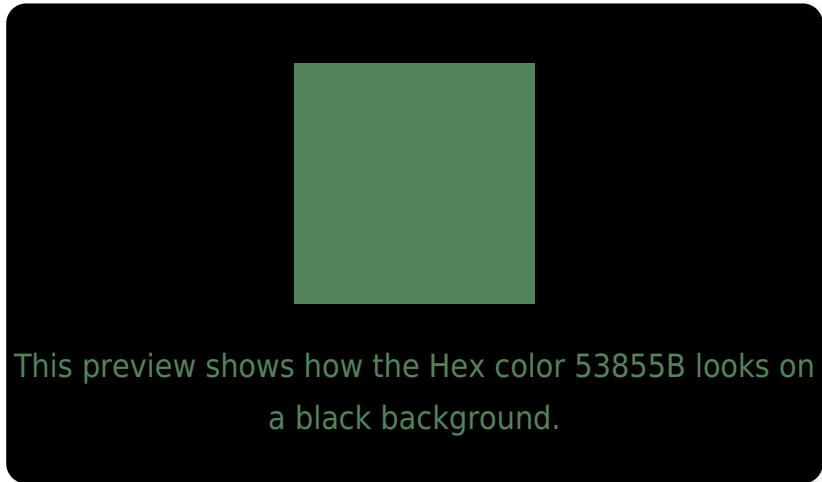
Large Text (above 18pt) WCAG AA ✓ Pass

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

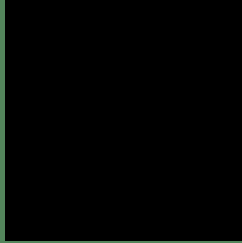
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 53855B Background



This preview shows how black text looks on a background with the Hex color 53855B.



This preview shows how white text looks on a background with the Hex color 53855B.

# 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](#).

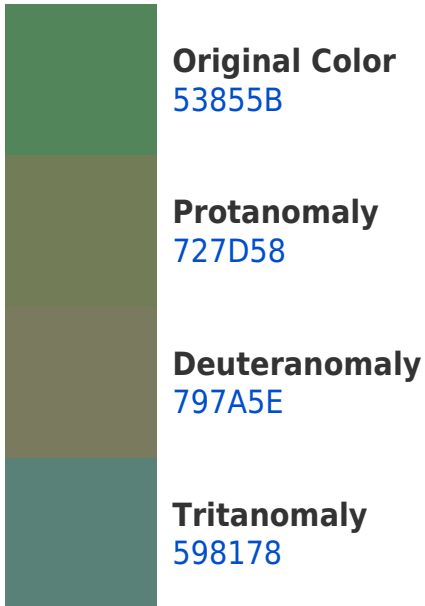
## Dichromacy





**Tritanopia**  
5C7F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53855B 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 #53855B looks like.

```
.text, #text, p{  
    color:#53855B  
}
```

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 #53855B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53855B
}
```

## Border

The CSS property to change the border of an element to Hex 53855B 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
#53855B }
```

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

```
.border{ border-color:#53855B }
```

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

Here you see how a box with a 4 pixel #53855B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53855B; -webkit-box-shadow:4px 4px  
4px 4px #53855B; box-shadow:4px 4px 4px  
4px #53855B }
```

# Background

The CSS property to change the background color of an element to Hex 53855B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53855B }
```

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

```
.background{ background-color:#53855B }
```

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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