

# Converting Colors

Hex(558691)

Have a look what the booklet for  
Hex(558691) contains.

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# Color

**Hex(558691)**

# Conversions

## Conversions Part 1

Format	Color
Hex	558691
RGB	85, 134, 145
RGB Percent	33%, 53%, 57%
CMY	0.6667, 0.4745, 0.4314
CMYK	0.41, 0.08, 0.00, 0.43
HSL	191°, 26%, 45%
HSV	191°, 41%, 57%
XYZ	17.3822, 21.0258, 29.9303
YIQ	120.6030, -32.7350, -6.9670

# Conversions

## Conversions Part 2

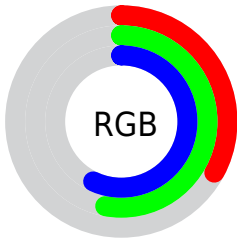
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 112, 145
Decimal	5605009
CIE <sub>Lab</sub>	52.98, -13.51, -11.11
CIE <sub>LCh</sub>	53, 17.493, 219.444
Yxy	21.0258, 0.2544, 0.3077
Android (android.graphics.Color)	4283795089 (0xFF558691)
YUV	120.6030, 12.0277, -31.2238
Hunter-Lab	45.8539, -12.5788, -6.6027

# Details

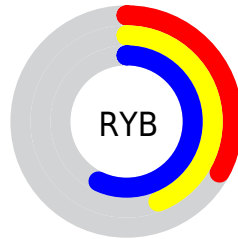
The Hex color **558691** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **916055**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **8ABBC7**, and **21545F** is the 20% darker color. If you saturate the color by 10%, you get **468391**, and if you desaturate by 10%, it is **638991**.

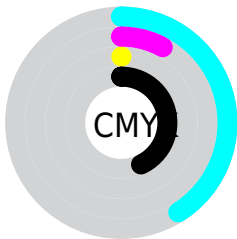
# Distribution



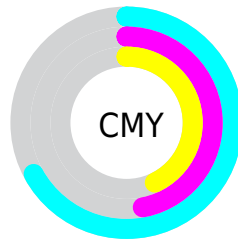
- Red (33%)
- Green (53%)
- Blue (57%)



- Red (33%)
- Yellow (44%)
- Blue (57%)



- Cyan (41%)
- Magenta (8%)
- Yellow (0%)
- Black (43%)



- Cyan (67%)
- Magenta (47%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 558691 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 558691 by changing the saturation by 10% instead.



■ 558691

■ 558691

FFFFFF

■ 3B6D77

■ 8ABBC7

■ 21545F

■ A5D7E3

■ 003D47

■ C1F3FF

■ 002731

■ DDFFFF

■ 00131C

■ FAFFFF

■ 000000

■ 558691

■ 558691

■ 468391

■ 638991

■ 388191

■ 728B91

■ 2A7E91

■ 818E91

■ 1B7B91

■ 8F9191

■ 0C7991

■ 9E9391

■ 007691

■ AC9691

■ BB9991

■ C99B91

■ D89E91

# Harmonies

## Analogous

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



578783



558691



60839A

# Triad

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



558691



967589



857F61

# Complementary

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



558691



916055

# 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.



937A63



558691



9D747A

# Square

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



558691



877996



9C766C



748367

# Rectangle

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



558691



6C809C



9C766C



8A7D61



# Sweetspot

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



558691



A6B9BD



559160



515C5E



DEDEDE



5E5E5E



# Same Dimension

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



558691



5EABBD



556891



404647



006E87



000608



# Inverse Universe

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



915586



BD5EAB



917E55



474046



87006E



080006



# Previews

## White Background



This preview shows how the Hex color 558691 looks on a white background.

## Color Contrast Check

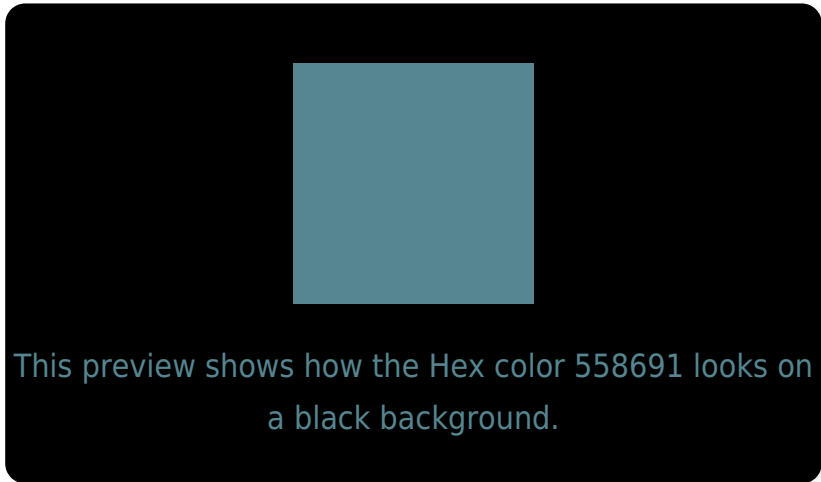
Large Text (above 18pt) WCAG AA ✓ Pass

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

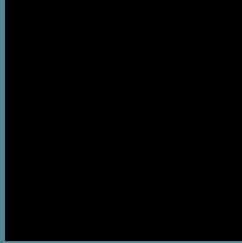
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 558691 Background



This preview shows how black text looks on a background with the Hex color 558691.

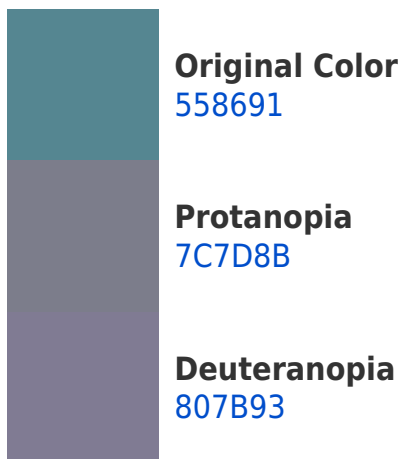


This preview shows how white text looks on a background with the Hex color 558691.

# 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**  
558691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 558691 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 #558691 looks like.

```
.text, #text, p{  
    color:#558691  
}
```

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 #558691 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #558691
}
```

## Border

The CSS property to change the border of an element to Hex 558691 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
#558691 }
```

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

```
.border{ border-color:#558691 }
```

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

Here you see how a box with a 4 pixel #558691 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #558691; -webkit-box-shadow:4px 4px  
4px 4px #558691; box-shadow:4px 4px 4px  
4px #558691 }
```

# Background

The CSS property to change the background color of an element to Hex 558691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#558691 }
```

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

```
.background{ background-color:#558691 }
```

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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