

# Converting Colors

Hex(538690)

Have a look what the booklet for  
Hex(538690) contains.

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# Color

**Hex(538690)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	538690
RGB	83, 134, 144
RGB Percent	33%, 53%, 56%
CMY	0.6745, 0.4745, 0.4353
CMYK	0.42, 0.07, 0.00, 0.44
HSL	190°, 27%, 45%
HSV	190°, 42%, 56%
XYZ	17.1264, 20.9028, 29.5175
YIQ	119.8910, -33.6060, -7.7020

# Conversions

## Conversions Part 2

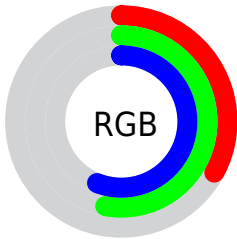
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 111, 144
Decimal	5473936
CIE <sub>Lab</sub>	52.84, -14.33, -10.75
CIE <sub>LCh</sub>	53, 17.909, 216.870
Yxy	20.9028, 0.2535, 0.3095
Android (android.graphics.Color)	4283664016 (0xFF538690)
YUV	119.8910, 11.8857, -32.3534
Hunter-Lab	45.7196, -13.1437, -6.2752

# Details

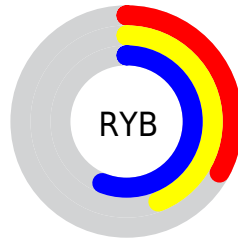
The Hex color **538690** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **905D53**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **88BBC6**, and **1E545E** is the 20% darker color. If you saturate the color by 10%, you get **458490**, and if you desaturate by 10%, it is **618890**.

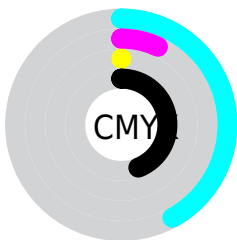
# Distribution



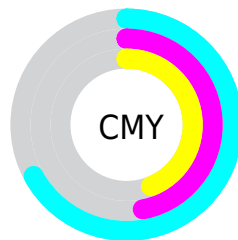
- Red (33%)
- Green (53%)
- Blue (56%)



- Red (33%)
- Yellow (44%)
- Blue (56%)



- Cyan (42%)
- Magenta (7%)
- Yellow (0%)
- Black (44%)



- Cyan (67%)
- Magenta (47%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 538690 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 538690 by changing the saturation by 10% instead.



■ 538690

■ 538690

FFFFFF

■ 396D76

■ 88BBC6

■ 1E545E

■ A3D7E2

■ 003D46

■ BFF4FE

■ 002730

■ DBFFFF

■ 00131B

■ F8FFFF

■ 000000

■ 538690

■ 538690

■ 458490

■ 618890

■ 368190

■ 708B90

■ 287F90

■ 7E8D90

■ 197D90

■ 8D8F90

■ 0B7A90

■ 9B9290

■ 007890

■ A99490

■ B89790

■ C69990

■ D59B90

# Harmonies

## Analogous

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



568781



538690



5D839A

# Triad

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



538690



95758B



867E60

# Complementary

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



538690



905D53

# 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.



947962



538690



9D737B

# Square

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



538690



857997



9D756C



758365

# Rectangle

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



538690



6A809D



9D756C



8B7D60



# Sweetspot

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



538690



A2B6BA



53905C



4F5C5E



DEDEDE



5E5E5E



# Same Dimension

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



538690



5BABBA



536890



404647



007187



000608



# Inverse Universe

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



905386



BA5BAB



907B53



474046



870071

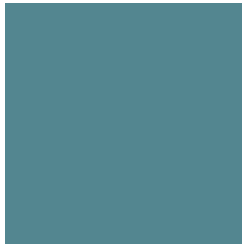


080006



# Previews

## White Background



This preview shows how the Hex color 538690 looks on a white background.

## Color Contrast Check

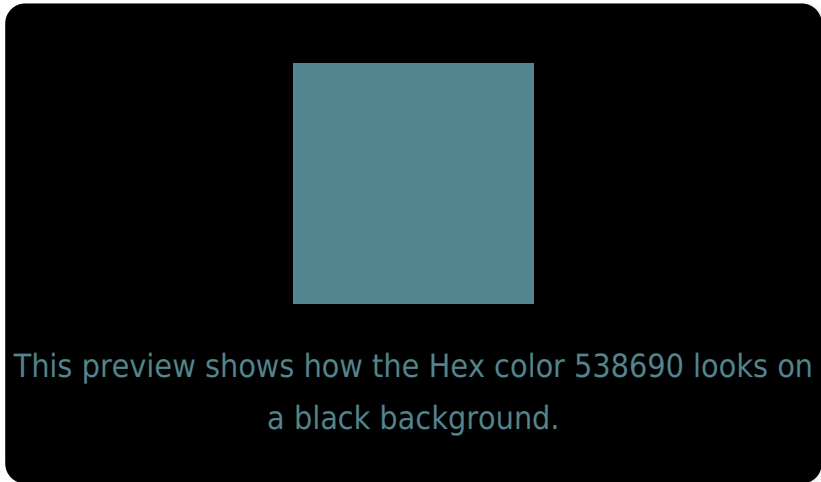
Large Text (above 18pt) WCAG AA ✓ Pass

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

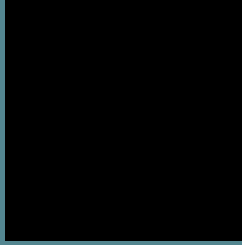
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 538690 Background



This preview shows how black text looks on a background with the Hex color 538690.

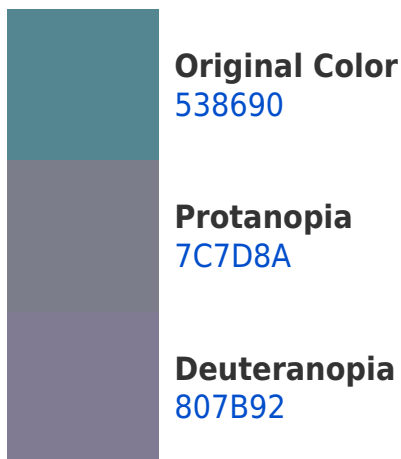


This preview shows how white text looks on a background with the Hex color 538690.

# 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**  
538691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 538690 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 #538690 looks like.

```
.text, #text, p{  
    color:#538690  
}
```

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 #538690 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #538690
}
```

## Border

The CSS property to change the border of an element to Hex 538690 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
#538690 }
```

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

```
.border{ border-color:#538690 }
```

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

Here you see how a box with a 4 pixel #538690 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #538690; -webkit-box-shadow:4px 4px  
4px 4px #538690; box-shadow:4px 4px 4px  
4px #538690 }
```

# Background

The CSS property to change the background color of an element to Hex 538690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#538690 }
```

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

```
.background{ background-color:#538690 }
```

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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