

# Converting Colors

Hex(538072)

Have a look what the booklet for  
Hex(538072) contains.

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# Color

Hex(538072)

# Conversions

## Conversions Part 1

Format	Color
Hex	538072
RGB	83, 128, 114
RGB Percent	33%, 50%, 45%
CMY	0.6745, 0.4980, 0.5529
CMYK	0.35, 0.00, 0.11, 0.50
HSL	161°, 21%, 41%
HSV	161°, 35%, 50%
XYZ	14.3237, 18.4922, 18.7340
YIQ	112.9490, -22.3260, -13.8940

# Conversions

## Conversions Part 2

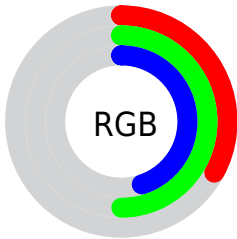
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 110, 128
Decimal	5472370
CIE <sub>Lab</sub>	50.09, -18.78, 2.71
CIE <sub>LCh</sub>	50, 18.977, 171.801
Yxy	18.4922, 0.2779, 0.3587
Android (android.graphics.Color)	4283662450 (0xFF538072)
YUV	112.9490, 0.5181, -26.2653
Hunter-Lab	43.0026, -15.7981, 4.2723

# Details

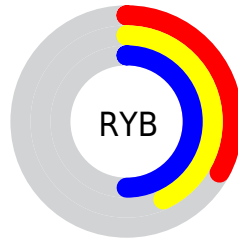
The Hex color **538072** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **805361**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **86B5A6**, and **224F42** is the 20% darker color. If you saturate the color by 10%, you get **46806E**, and if you desaturate by 10%, it is **608076**.

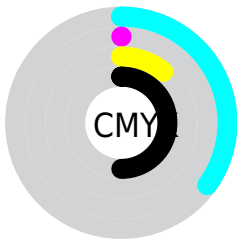
# Distribution



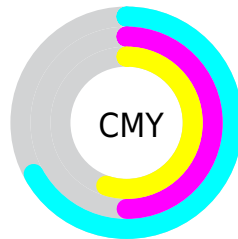
- Red (33%)
- Green (50%)
- Blue (45%)



- Red (33%)
- Yellow (43%)
- Blue (50%)



- Cyan (35%)
- Magenta (0%)
- Yellow (11%)
- Black (50%)



- Cyan (67%)
- Magenta (50%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 538072 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 538072 by changing the saturation by 10% instead.



 538072

 538072

FFFFFF

 3B675A

 86B5A6

 224F42

 A1D1C1

 08372C

 BCEDDD

 002218

 D8FFF9

 000100

 F5FFFF

 000000

 538072

 538072

 46806E

 608076

 39806A

 6D807A

■ 2D8066

■ 79807E

■ 208062

■ 868082

■ 13805E

■ 938086

■ 06805A

■ A0808A

■ 008058

■ AD808E

■ B98092

■ C68096

# Harmonies

## Analogous

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



647E63



538072



498083

# Triad

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



538072



747595



936F5E

# Complementary

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



538072



805361

# 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.



986C6C



538072



886F8B

# Square

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



538072



5D7A97



946C7C



877557

# Rectangle

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



538072



497F8C



946C7C



966E62



# Sweetspot

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



538072



94A6A0



618053



495451



D4D4D4



545454



# Same Dimension

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



538072



60A690



537880



39403E



008058



000000



# Inverse Universe

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



805361



A66076



805B53



40393B



800028



000000



# Previews

## White Background



This preview shows how the Hex color 538072 looks on a white background.

## Color Contrast Check

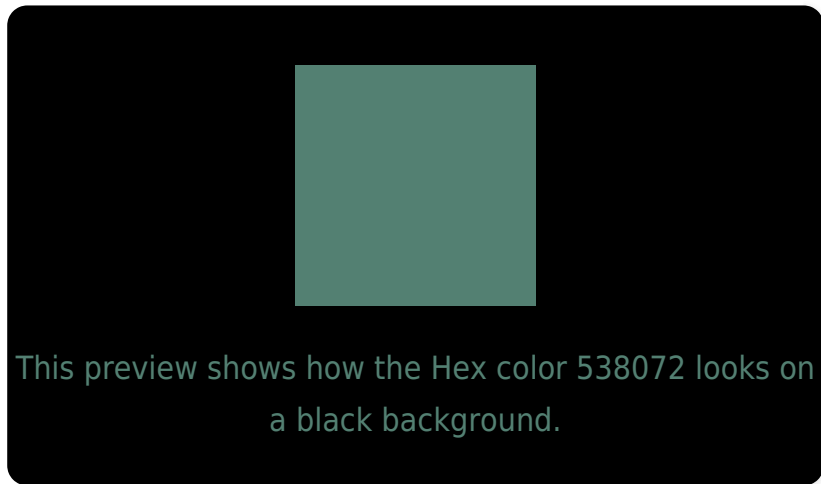
Large Text (above 18pt) WCAG AA ✓ Pass

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

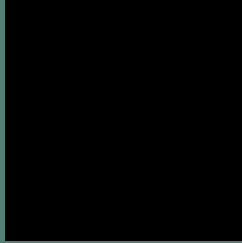
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 538072 Background



This preview shows how black text looks on a background with the Hex color 538072.

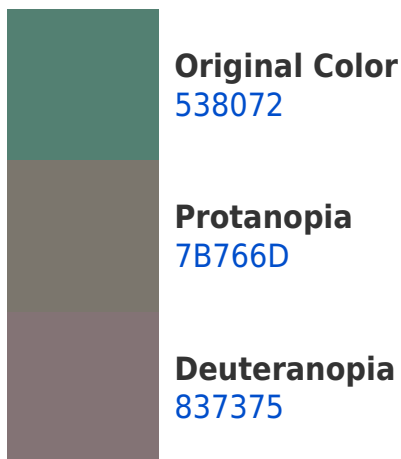


This preview shows how white text looks on a background with the Hex color 538072.

# 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](#).

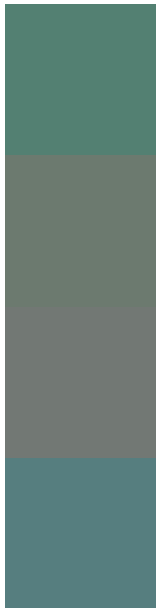
## Dichromacy





**Tritanopia**  
587D87

# Trichromacy



**Original Color**  
538072

**Protanomaly**  
6C7A6F

**Deuteranomaly**  
727874

**Tritanomaly**  
567E7F

# Monochromacy



**Original Color**  
538072

**Achromatopsia**  
717171

**Achromatomaly**  
667671

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 538072 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 #538072 looks like.

```
.text, #text, p{  
    color:#538072  
}
```

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 #538072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #538072
}
```

## Border

The CSS property to change the border of an element to Hex 538072 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
#538072 }
```

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

```
.border{ border-color:#538072 }
```

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

Here you see how a box with a 4 pixel #538072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #538072; -webkit-box-shadow:4px 4px  
4px 4px #538072; box-shadow:4px 4px 4px  
4px #538072 }
```

# Background

The CSS property to change the background color of an element to Hex 538072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#538072 }
```

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

```
.background{ background-color:#538072 }
```

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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