

# Converting Colors

Hex(537866)

Have a look what the booklet for  
Hex(537866) contains.

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# Color

Hex(537866)

# Conversions

## Conversions Part 1

Format	Color
Hex	537866
RGB	83, 120, 102
RGB Percent	33%, 47%, 40%
CMY	0.6745, 0.5294, 0.6000
CMYK	0.31, 0.00, 0.15, 0.53
HSL	151°, 18%, 40%
HSV	151°, 31%, 47%
XYZ	12.6820, 16.2313, 15.0349
YIQ	106.8850, -16.2740, -13.4420

# Conversions

## Conversions Part 2

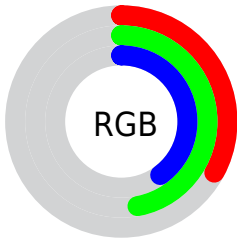
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 107, 120
Decimal	5470310
CIELab	47.28, -17.25, 5.72
CIELCh	47, 18.171, 161.640
Yxy	16.2313, 0.2886, 0.3693
Android (android.graphics.Color)	4283660390 (0xFF537866)
YUV	106.8850, -2.4083, -20.9471
Hunter-Lab	40.2880, -14.3151, 6.0755

# Details

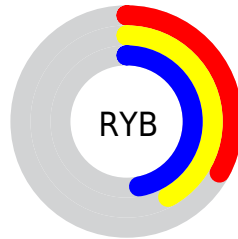
The Hex color **537866** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **785365**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **86AC99**, and **244737** is the 20% darker color. If you saturate the color by 10%, you get **477860**, and if you desaturate by 10%, it is **5F786C**.

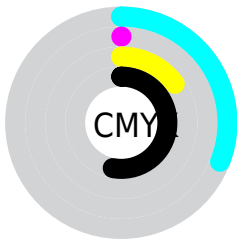
# Distribution



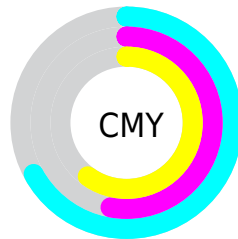
- Red (33%)
- Green (47%)
- Blue (40%)



- Red (33%)
- Yellow (42%)
- Blue (47%)



- Cyan (31%)
- Magenta (0%)
- Yellow (15%)
- Black (53%)



- Cyan (67%)
- Magenta (53%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 537866 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 537866 by changing the saturation by 10% instead.



 537866

 537866

FFFFFF

 3B5F4E

 86AC99

 244737

 A0C8B4

 0D3122

 BBE4CF

 001D0C

 D7FFEB

 000000

 F4FFFF

 537866

 537866

 477860

 5F786C

 3B785A

 6B7872

■ 2F7854

■ 777878

■ 23784F

■ 83787D

■ 177849

■ 8F7883

■ 0B7843

■ 9B7889

■ 00783E

■ A7788F

■ B37895

■ BF789B

# Harmonies

## Analogous

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



647559



537866



467976

# Triad

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



537866



666F8E



8D675C

# Complementary

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



537866



785365

# 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.



8F656B



537866



7A6A87

# Square

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



537866



51748D



89667A



846C53

# Rectangle

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



537866



437880



89667A



8F6661



# Sweetspot

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



537866



8E9C95



657853



464F4B



CFCFCF



4F4F4F



# Same Dimension

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



537866



629C80



537878



373D3A



007D40



00FC82



# Inverse Universe

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



785365



9C627E



785353



3D373A



7D003D



FC007B



# Previews

## White Background



This preview shows how the Hex color 537866 looks on a white background.

## Color Contrast Check

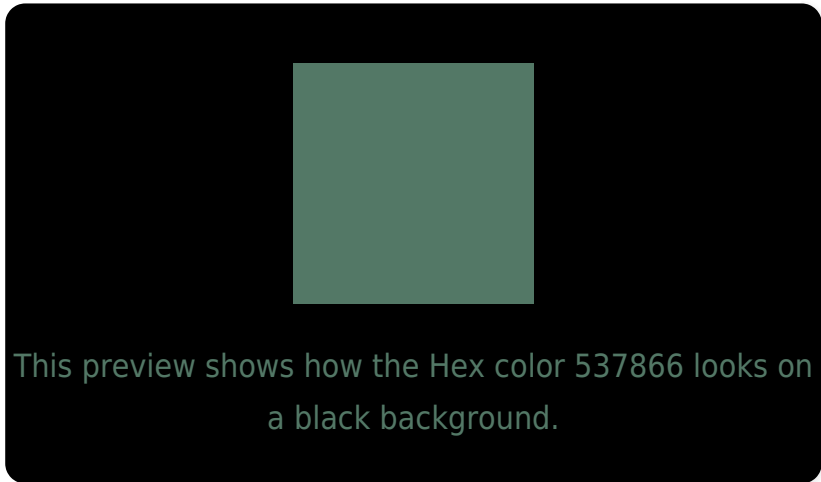
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

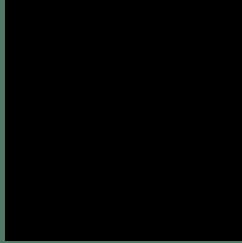
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 537866 Background



This preview shows how black text looks on a background with the Hex color 537866.

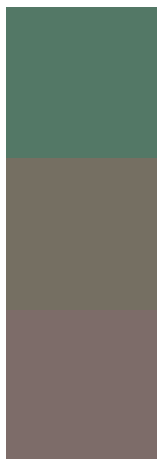


This preview shows how white text looks on a background with the Hex color 537866.

# 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



**Original Color**  
537866

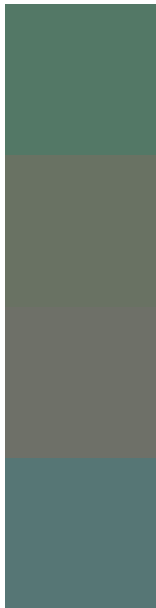
**Protanopia**  
756F62

**Deuteranopia**  
7D6C69



**Tritanopia**  
58757E

# Trichromacy



**Original Color**  
537866

**Protanomaly**  
697263

**Deuteranomaly**  
6E7068

**Tritanomaly**  
567675

# Monochromacy



**Original Color**  
537866

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
627069

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 537866 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 #537866 looks like.

```
.text, #text, p{  
    color:#537866  
}
```

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 #537866 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537866  
}
```

## Border

The CSS property to change the border of an element to Hex 537866 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  
#537866 }
```

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

```
.border{ border-color:#537866 }
```

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

Here you see how a box with a 4 pixel #537866 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537866; -webkit-box-shadow:4px 4px  
4px 4px #537866; box-shadow:4px 4px 4px  
4px #537866 }
```

# Background

The CSS property to change the background color of an element to Hex 537866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537866 }
```

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

```
.background{ background-color:#537866 }
```

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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