

# Converting Colors

Hex(537765)

Have a look what the booklet for  
Hex(537765) contains.

<b>Hex(537765)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(537765)

# Conversions

## Conversions Part 1

Format	Color
Hex	537765
RGB	83, 119, 101
RGB Percent	33%, 47%, 40%
CMY	0.6745, 0.5333, 0.6039
CMYK	0.30, 0.00, 0.15, 0.53
HSL	150°, 18%, 40%
HSV	150°, 30%, 47%
XYZ	12.5131, 15.9722, 14.7354
YIQ	106.1840, -15.6780, -13.2300

# Conversions

## Conversions Part 2

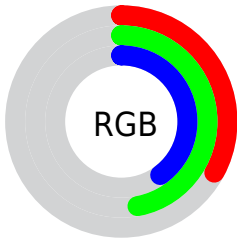
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 107, 119
Decimal	5470053
CIELab	46.94, -16.93, 5.83
CIElCh	47, 17.903, 160.991
Yxy	15.9722, 0.2895, 0.3696
Android (android.graphics.Color)	4283660133 (0xFF537765)
YUV	106.1840, -2.5557, -20.3324
Hunter-Lab	39.9653, -14.0512, 6.1152

# Details

The Hex color **537765** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **775365**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **85AB98**, and **244636** is the 20% darker color. If you saturate the color by 10%, you get **47775F**, and if you desaturate by 10%, it is **5F776B**.

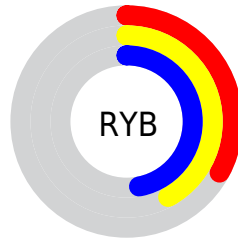
# Distribution



Red (33%)

Green (47%)

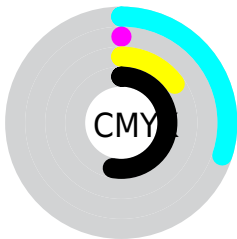
Blue (40%)



Red (33%)

Yellow (42%)

Blue (47%)

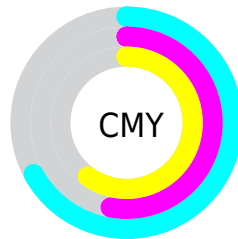


Cyan (30%)

Magenta (0%)

Yellow (15%)

Black (53%)



Cyan (67%)

Magenta (53%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 537765 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 537765 by changing the saturation by 10% instead.





537765



537765

FFFFFF



3B5E4D



85AB98



244636



A0C7B3



0D3021



BBE3CE



001C0A



D7FFE8



000000



F4FFFF



537765



537765



47775F



5F776B



3B7759



6B7771

■ 2F7753

■ 777777

■ 23774D

■ 83777D

■ 177747

■ 8E7783

■ 0C7741

■ 9A7789

■ 00773B

■ A6778F

■ B27795

■ BE779B

# Harmonies

## Analogous

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



647458



537765



467874

# Triad

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



537765



656F8D



8C675C

# Complementary

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



537765



775365

# 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.



8E646A



537765



796A86

# Square

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



537765



51738B



876679



836B53

# Rectangle

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



537765



43777E



876679



8D6660



# Sweetspot

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



537765



8E9C95



657753



464F4B



CFCFCF



4F4F4F



# Same Dimension

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



537765



649C80



537777



353B38



007A3D



00FA7D



# Inverse Universe

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



775365



9C6480



775353



3B3538



7A003D



FA007D



# Previews

## White Background



This preview shows how the Hex color 537765 looks on a white background.

## Color Contrast Check

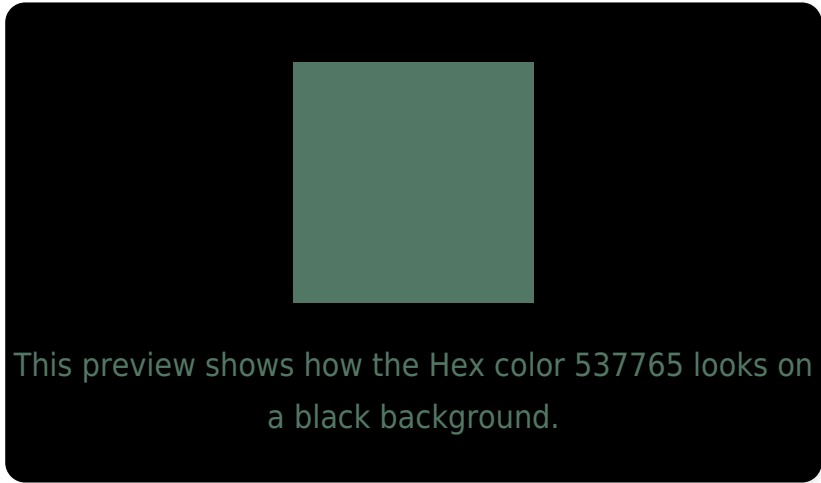
Large Text (above 18pt) WCAG AA ✓ Pass

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

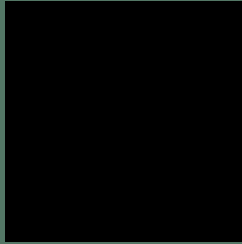
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 537765 Background



This preview shows how black text looks on a background with the Hex color 537765.

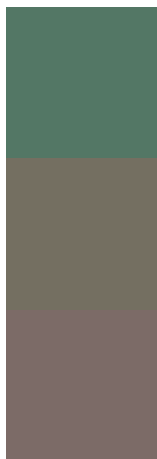


This preview shows how white text looks on a background with the Hex color 537765.

# 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**  
537765

**Protanopia**  
746F61

**Deuteranopia**  
7C6B67



**Tritanopia**  
58747D

# Trichromacy



**Original Color**  
537765

**Protanomaly**  
687262

**Deuteranomaly**  
6D6F66

**Tritanomaly**  
567574

# Monochromacy



**Original Color**  
537765

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
626F68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 537765 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 #537765 looks like.

```
.text, #text, p{  
    color:#537765  
}
```

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 #537765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537765
}
```

## Border

The CSS property to change the border of an element to Hex 537765 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
#537765 }
```

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

```
.border{ border-color:#537765 }
```

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

Here you see how a box with a 4 pixel #537765 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537765; -webkit-box-shadow:4px 4px  
4px 4px #537765; box-shadow:4px 4px 4px  
4px #537765 }
```

# Background

The CSS property to change the background color of an element to Hex 537765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537765 }
```

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

```
.background{ background-color:#537765 }
```

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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