

Converting Colors

Hex(537764)

Have a look what the booklet for
Hex(537764) contains.

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Color

Hex(537764)

Conversions

Conversions Part 1

Format	Color
Hex	537764
RGB	83, 119, 100
RGB Percent	33%, 47%, 39%
CMY	0.6745, 0.5333, 0.6078
CMYK	0.30, 0.00, 0.16, 0.53
HSL	148°, 18%, 40%
HSV	148°, 30%, 47%
XYZ	12.4644, 15.9528, 14.4788
YIQ	106.0700, -15.3570, -13.5410

Conversions

Conversions Part 2

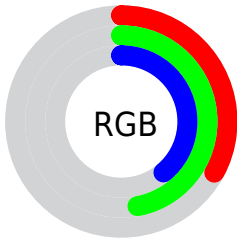
Format	Color
R _Y B	83, 107, 119
Decimal	5470052
CIE Lab	46.91, -17.15, 6.39
CIE LCh	47, 18.298, 159.572
Yxy	15.9528, 0.2906, 0.3719
Android (android.graphics.Color)	4283660132 (0xFF537764)
YUV	106.0700, -2.9925, -20.2324
Hunter-Lab	39.9409, -14.1921, 6.4656

Details

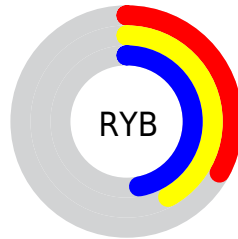
The Hex color **537764** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **775366**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **85AB97**, and **244635** is the 20% darker color. If you saturate the color by 10%, you get **47775E**, and if you desaturate by 10%, it is **5F776A**.

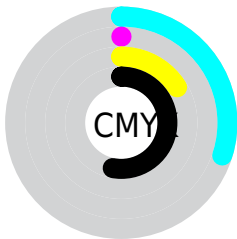
Distribution



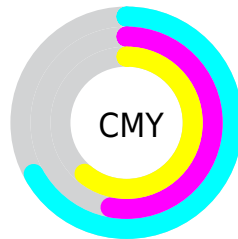
- Red (33%)
- Green (47%)
- Blue (39%)



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



- Cyan (30%)
- Magenta (0%)
- Yellow (16%)
- Black (53%)



- Cyan (67%)
- Magenta (53%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537764 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 537764 by changing the saturation by 10% instead.

■ 537764

■ 537764

FFFFFF

■ 3B5E4C

■ 85AB97

■ 244635

■ A0C7B2

■ 0D3020

■ BBE3CD

■ 001C09

■ D7FFE9

■ 000000

■ F4FFFF

■ 537764

■ 537764

■ 47775E

■ 5F776A

■ 3B7757

■ 6B7771

■ 2F7751

■ 777777

■ 23774B

■ 83777D

■ 177745

■ 8E7783

■ 0C773E

■ 9A778A

■ 007738

■ A67790

■ B27796

■ BE779D

Harmonies

Analogous

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



647457



537764



457874

Triad

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



537764



636F8D



8D665C

Complementary

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



537764



775366

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.



8E646B



537764



786A87

Square

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



537764



4F748C



87657A



846B53

Rectangle

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



537764



42777E



87657A



8E6561

Sweetspot

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



537764



8E9C94



667753



464F4A



CFCFCF



4F4F4F

Same Dimension

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



537764



649C7E



537776



353B38



007A3A



00FA76

Inverse Universe

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



775366



9C6481



775354



3B3538



7A0041



FA0084

Previews

White Background



This preview shows how the Hex color 537764 looks on a white background.

Color Contrast Check

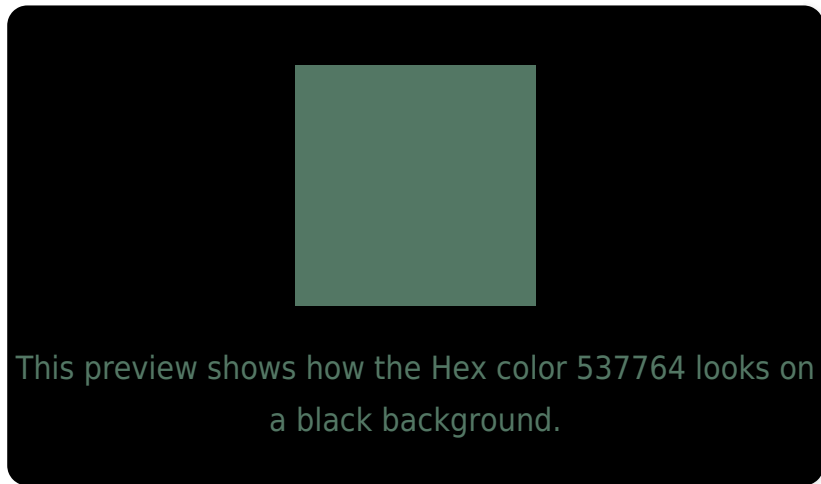
Large Text (above 18pt) WCAG AA ✓ Pass

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

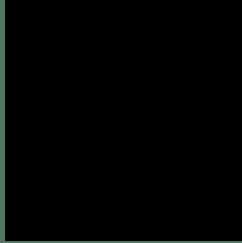
Any Text WCAG AA × Fail

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 537764 Background



This preview shows how black text looks on a background with the Hex color 537764.

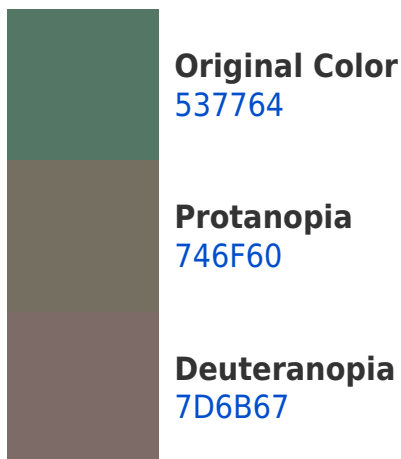


This preview shows how white text looks on a background with the Hex color 537764.

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
58747D

Trichromacy



Original Color
537764

Protanomaly
687261

Deuteranomaly
6E6F66

Tritanomaly
567574

Monochromacy



Original Color
537764

Achromatopsia
6A6A6A

Achromatomaly
626F68

CSS Examples

Text

The CSS property to change the color of the text to Hex 537764 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 #537764 looks like.

```
.text, #text, p{  
    color:#537764  
}
```

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 #537764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537764
}
```

Border

The CSS property to change the border of an element to Hex 537764 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".

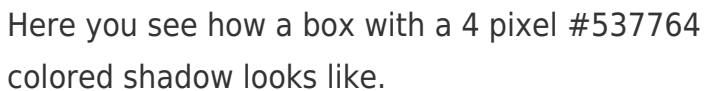
```
.border, #border, table{ border:4px solid
#537764 }
```

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

```
.border{ border-color:#537764 }
```

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

Here you see how a box with a 4 pixel #537764 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537764; -webkit-box-shadow:4px 4px  
4px 4px #537764; box-shadow:4px 4px 4px  
4px #537764 }
```

Background

The CSS property to change the background color of an element to Hex 537764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537764 }
```

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

```
.background{ background-color:#537764 }
```

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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