

Converting Colors

Hex(587772)

Have a look what the booklet for
Hex(587772) contains.

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Color

Hex(587772)

Conversions

Conversions Part 1

Format	Color
Hex	587772
RGB	88, 119, 114
RGB Percent	35%, 47%, 45%
CMY	0.6549, 0.5333, 0.5529
CMYK	0.26, 0.00, 0.04, 0.53
HSL	170°, 15%, 41%
HSV	170°, 26%, 47%
XYZ	13.6586, 16.4833, 18.3813
YIQ	109.1610, -16.8710, -8.1270

Conversions

Conversions Part 2

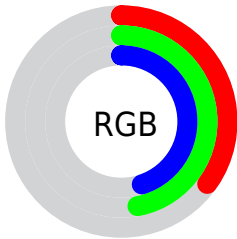
Format	Color
RYB	88, 105, 119
Decimal	5797746
CIELab	47.60, -12.25, -0.88
CIELCh	48, 12.285, 184.092
Yxy	16.4833, 0.2815, 0.3397
Android (android.graphics.Color)	4283987826 (0xFF587772)
YUV	109.1610, 2.3856, -18.5582
Hunter-Lab	40.5996, -10.9980, 1.5764

Details

The Hex color **587772** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **77585D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **8BABA6**, and **294742** is the 20% darker color. If you saturate the color by 10%, you get **4C7770**, and if you desaturate by 10%, it is **647774**.

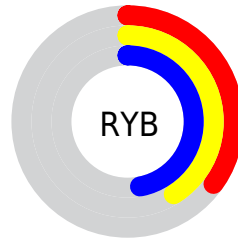
Distribution



Red (35%)

Green (47%)

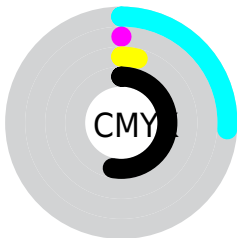
Blue (45%)



Red (35%)

Yellow (41%)

Blue (47%)

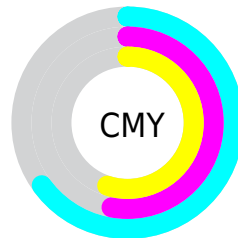


Cyan (26%)

Magenta (0%)

Yellow (4%)

Black (53%)



Cyan (65%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 587772 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 587772 by changing the saturation by 10% instead.

■ 587772

■ 587772

FFFFFF

■ 405E5A

■ 8BABA6

■ 294742

■ A5C7C1

■ 12302C

■ C1E3DD

■ 001C18

■ DDDFF9

■ 000000

■ F9FFFF

■ 587772

■ 587772

■ 4C7770

■ 647774

■ 40776E

■ 707776

■ 34776C

■ 7C7778

■ 28776A

■ 88777A

■ 1C7768

■ 93777C

■ 117766

■ 9F777E

■ 057765

■ AB777F

■ 007764

■ B77781

■ C37783

Harmonies

Analogous

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



617668



587772



56767C

Triad

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



587772



756E82



816D5F

Complementary

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



587772



77585D

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.



866B66



587772



806B7A

Square

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



587772



677185



866A70



78715C

Rectangle

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



587772



597581



866A70



836C61

Sweetspot

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



587772



8F9C9A



5D7758



474F4E



CFCFCF



4F4F4F

Same Dimension

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



587772



6B9C94



586D77



353B3A



007A67



00FAD2

Inverse Universe

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



77585D



9C6B73



776258



3B3536



7A0014



FA0028

Previews

White Background



This preview shows how the Hex color 587772 looks on a white background.

Color Contrast Check

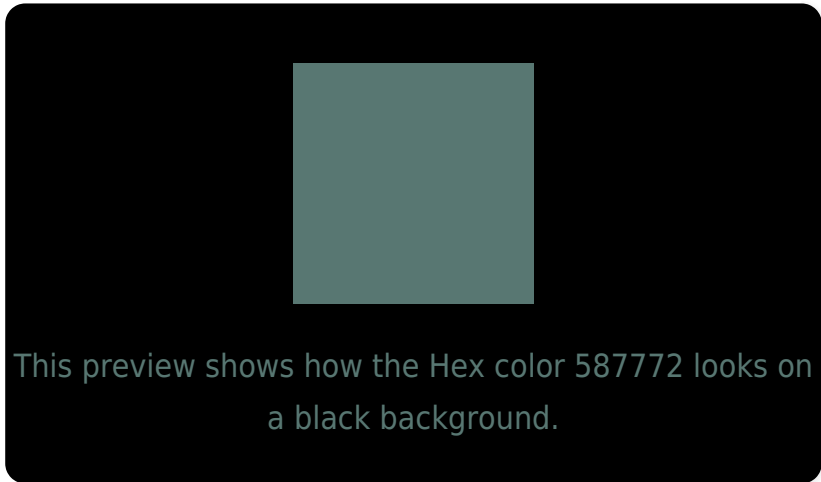
Large Text (above 18pt) WCAG AA ✓ Pass

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

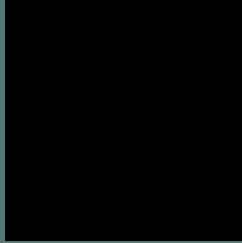
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

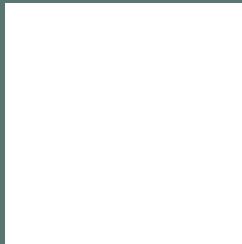
Any Text WCAG AAA × Fail

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

Hex 587772 Background



This preview shows how black text looks on a background with the Hex color 587772.



This preview shows how white text looks on a background with the Hex color 587772.

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
587772

Protanopia
73706E

Deuteranopia
7A6D74



Tritanopia
5B757E

Trichromacy



Original Color
587772

Protanomaly
69736F

Deuteranomaly
6E7173

Tritanomaly
5A767A

Monochromacy



Original Color
587772

Achromatopsia
6D6D6D

Achromatomaly
65716F

CSS Examples

Text

The CSS property to change the color of the text to Hex 587772 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 #587772 looks like.

```
.text, #text, p{  
    color:#587772  
}
```

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 #587772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587772
}
```

Border

The CSS property to change the border of an element to Hex 587772 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
#587772 }
```

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

```
.border{ border-color:#587772 }
```

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

Here you see how a box with a 4 pixel #587772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587772; -webkit-box-shadow:4px 4px  
4px 4px #587772; box-shadow:4px 4px 4px  
4px #587772 }
```

Background

The CSS property to change the background color of an element to Hex 587772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587772 }
```

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

```
.background{ background-color:#587772 }
```

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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