

Converting Colors

Hex(567B74)

Have a look what the booklet for
Hex(567B74) contains.

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Color

Hex(567B74)

Conversions

Conversions Part 1

Format	Color
Hex	567B74
RGB	86, 123, 116
RGB Percent	34%, 48%, 45%
CMY	0.6627, 0.5176, 0.5451
CMYK	0.30, 0.00, 0.06, 0.52
HSL	169°, 18%, 41%
HSV	169°, 30%, 48%
XYZ	14.0731, 17.4053, 19.1408
YIQ	111.1390, -19.8050, -10.0210

Conversions

Conversions Part 2

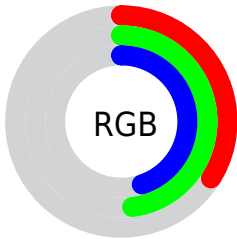
Format	Color
R_{YB}	86, 106, 123
Decimal	5667700
CIE _{Lab}	48.77, -14.65, -0.37
CIE _{LCh}	49, 14.654, 181.450
Yxy	17.4053, 0.2780, 0.3438
Android (android.graphics.Color)	4283857780 (0xFF567B74)
YUV	111.1390, 2.3965, -22.0469
Hunter-Lab	41.7197, -12.7969, 2.0017

Details

The Hex color **567B74** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B565D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **89B0A8**, and **264A44** is the 20% darker color. If you saturate the color by 10%, you get **4A7B72**, and if you desaturate by 10%, it is **627B76**.

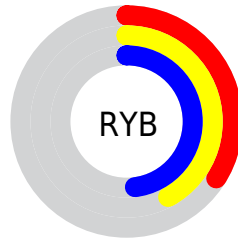
Distribution



Red (34%)

Green (48%)

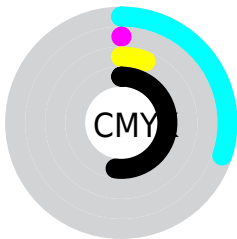
Blue (45%)



Red (34%)

Yellow (42%)

Blue (48%)

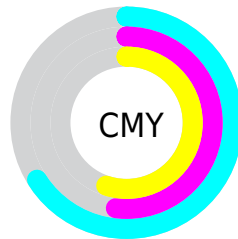


Cyan (30%)

Magenta (0%)

Yellow (6%)

Black (52%)



Cyan (66%)

Magenta (52%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 567B74 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 567B74 by changing the saturation by 10% instead.



567B74



567B74

FFFFFF



3E625B



89B0A8



264A44



A4CBC3



0F332E



BFE7DF



001E19



DBFFFC



000000



F8FFFF



567B74



567B74



4A7B72



627B76



3D7B6F



6F7B79

■ 317B6D

■ 7B7B7B

■ 257B6B

■ 877B7D

■ 197B68

■ 947B80

■ 0C7B66

■ A07B82

■ 007B64

■ AC7B84

■ B87B87

■ C57B89

Harmonies

Analogous

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



617A68



567B74



527B80

Triad

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



567B74



777089



886F5E

Complementary

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



567B74



7B565D

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.



8D6C67



567B74



856D80

Square

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



567B74



66758C



8C6B74



7D735B

Rectangle

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



567B74



557987



8C6B74



8A6E61

Sweetspot

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



567B74



92A19E



5D7B56



495250



D1D1D1



525252

Same Dimension

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



567B74



67A196



56707B



373D3C



007D65



00FCCD

Inverse Universe

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



7B565D



A16772



7B6156



3D3738



7D0018



FC0030

Previews

White Background



This preview shows how the Hex color 567B74 looks on a white background.

Color Contrast Check

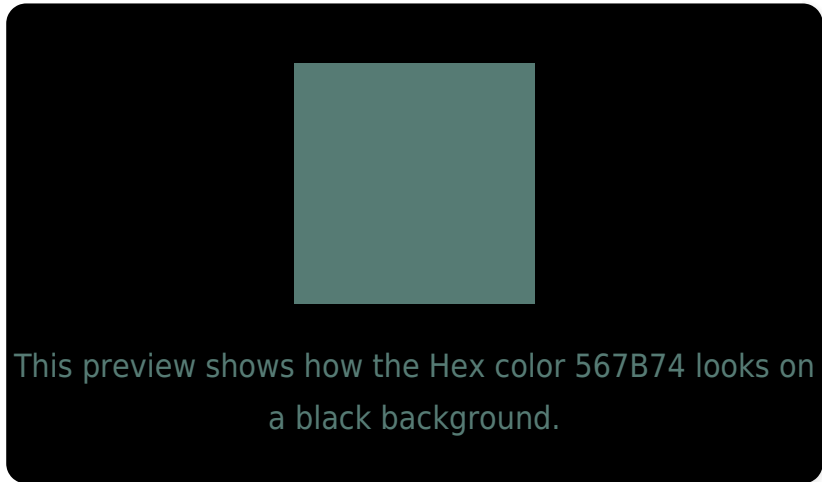
Large Text (above 18pt) WCAG AA ✓ Pass

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

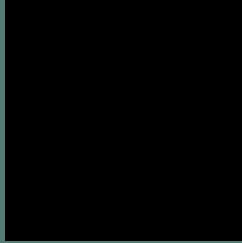
Any Text WCAG AA × Fail

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 567B74 Background



This preview shows how black text looks on a background with the Hex color 567B74.



This preview shows how white text looks on a background with the Hex color 567B74.

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
567B74

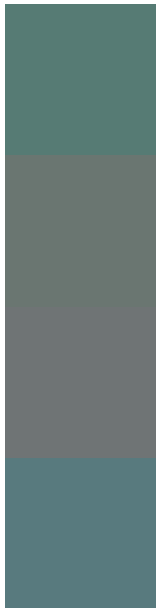
Protanopia
76736F

Deuteranopia
7D7076



Tritanopia
597983

Trichromacy



Original Color
567B74

Protanomaly
6A7671

Deuteranomaly
6F7475

Tritanomaly
587A7E

Monochromacy



Original Color
567B74

Achromatopsia
6F6F6F

Achromatomaly
667371

CSS Examples

Text

The CSS property to change the color of the text to Hex 567B74 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 #567B74 looks like.

```
.text, #text, p{  
    color:#567B74  
}
```

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 #567B74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567B74
}
```

Border

The CSS property to change the border of an element to Hex 567B74 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
#567B74 }
```

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

```
.border{ border-color:#567B74 }
```

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

Here you see how a box with a 4 pixel #567B74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567B74; -webkit-box-shadow:4px 4px  
4px 4px #567B74; box-shadow:4px 4px 4px  
4px #567B74 }
```

Background

The CSS property to change the background color of an element to Hex 567B74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567B74 }
```

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

```
.background{ background-color:#567B74 }
```

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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