

# Converting Colors

Hex(507C6B)

Have a look what the booklet for  
Hex(507C6B) contains.

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# Color

**Hex(507C6B)**

# Conversions

Conversions Part 1	
Format	Color
Hex	507C6B
RGB	80, 124, 107
RGB Percent	31%, 49%, 42%
CMY	0.6863, 0.5137, 0.5804
CMYK	0.35, 0.00, 0.14, 0.51
HSL	157°, 22%, 40%
HSV	157°, 35%, 49%
XYZ	13.1698, 17.1823, 16.5323
YIQ	108.9060, -20.7670, -14.6150

# Conversions

## Conversions Part 2

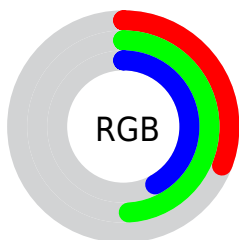
Format	Color
<a href="#">RYB</a>	<a href="#">80, 107, 124</a>
Decimal	<a href="#">5274731</a>
CIELab	<a href="#">48.49, -19.24, 4.49</a>
CIELCh	<a href="#">48, 19.755, 166.862</a>
Yxy	<a href="#">17.1823, 0.2809, 0.3665</a>
Android (android.graphics.Color)	<a href="#">4283464811</a> (0xFF507C6B)
YUV	<a href="#">108.9060, -0.9397, -25.3506</a>
Hunter-Lab	<a href="#">41.4516, -15.8282, 5.3692</a>

# Details

The Hex color **507C6B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C5061**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **83B19E**, and **204B3C** is the 20% darker color. If you saturate the color by 10%, you get **447C66**, and if you desaturate by 10%, it is **5C7C70**.

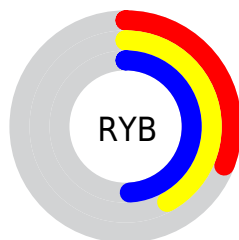
# Distribution



Red (31%)

Green (49%)

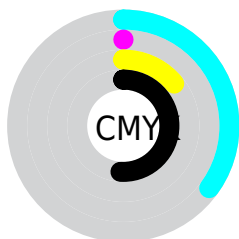
Blue (42%)



Red (31%)

Yellow (42%)

Blue (49%)

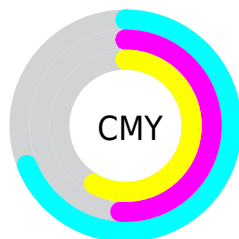


Cyan (35%)

Magenta (0%)

Yellow (14%)

Black (51%)



Cyan (69%)

Magenta (51%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 507C6B 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 507C6B by changing the saturation by 10% instead.



 507C6B

 507C6B

FFFFFF

 386353

 83B19E

 204B3C

 9DCCB9

 063426

 B9E9D5

 001F11

 D5FFF1

 000000

 F1FFFF

 507C6B

 507C6B

 447C66

 5C7C70

 377C61

 697C75

 2B7C5D

 757C79

 1E7C58

 827C7E

 127C53

 8E7C83

 067C4E

 9A7C88

 007C4C

 A77C8D

 B37C91

 C07C96

# Harmonies

## Analogous

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



63795C



507C6B



437C7C

# Triad

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



507C6B



6C7193



916A5B

# Complementary

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



507C6B



7C5061

# 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.



95676A



507C6B



816C8A

# Square

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



507C6B



547793



90687B



867053

# Rectangle

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



507C6B



417C87



90687B



946960



# Sweetspot

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



507C6B



8FA19A



627C50



47524E



D1D1D1



525252



# Same Dimension

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



507C6B



5CA186



50787C



373D3B



007D4D



00FC9B



# Inverse Universe

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



7C5061



A15C76



7C5450



3D3739



7D0030



FC0062



# Previews

## White Background



This preview shows how the Hex color 507C6B 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



This preview shows how the Hex color 507C6B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

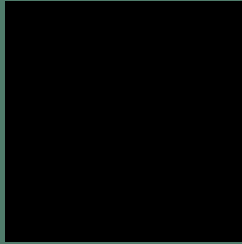
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 507C6B Background



This preview shows how black text looks on a background with the Hex color 507C6B.

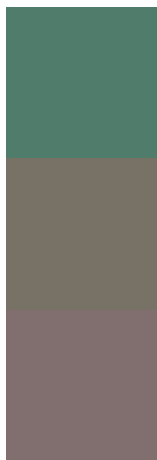


This preview shows how white text looks on a background with the Hex color 507C6B.

# 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](#).

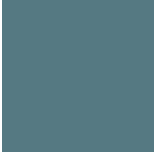
## Dichromacy



**Original Color**  
507C6B

**Protanopia**  
787266





**Deuteranopia**  
806F6E






# Tritanopia

557982

# Trichromacy

	<b>Original Color</b> 507C6B
	<b>Protanomaly</b> 697668
	<b>Deuteranomaly</b> 6F746D
	<b>Tritanomaly</b> 537A7A

# Monochromacy

	<b>Original Color</b> 507C6B
	<b>Achromatopsia</b> 6D6D6D
	<b>Achromatomaly</b> 62726C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 507C6B 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 #507C6B looks like.

```
.text, #text, p{  
    color:#507C6B  
}
```

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 #507C6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507C6B
}
```

## Border

The CSS property to change the border of an element to Hex 507C6B 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
#507C6B }
```

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

```
.border{ border-color:#507C6B }
```

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

Here you see how a box with a 4 pixel #507C6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507C6B; -webkit-box-shadow:4px 4px  
4px 4px #507C6B; box-shadow:4px 4px 4px  
4px #507C6B }
```

# Background

The CSS property to change the background color of an element to Hex 507C6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507C6B }
```

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

```
.background{ background-color:#507C6B }
```

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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