

# Converting Colors

Hex(507586)

Have a look what the booklet for  
Hex(507586) contains.

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# Color

**Hex(507586)**

# Conversions

## Conversions Part 1

Format	Color
Hex	507586
RGB	80, 117, 134
RGB Percent	31%, 46%, 53%
CMY	0.6863, 0.5412, 0.4745
CMYK	0.40, 0.13, 0.00, 0.47
HSL	199°, 25%, 42%
HSV	199°, 40%, 53%
XYZ	13.9726, 16.1493, 24.9349
YIQ	107.8750, -27.5090, -2.5570

# Conversions

## Conversions Part 2

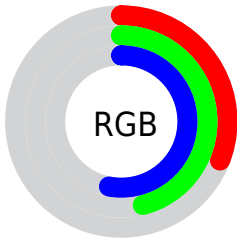
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 102, 134
Decimal	5272966
CIE <sub>Lab</sub>	47.17, -8.40, -13.45
CIE <sub>LCh</sub>	47, 15.855, 238.020
Yxy	16.1493, 0.2538, 0.2933
Android (android.graphics.Color)	4283463046 (0xFF507586)
YUV	107.8750, 12.8796, -24.4464
Hunter-Lab	40.1862, -8.2618, -8.6583

# Details

The Hex color **507586** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **866150**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **84A9BB**, and **1E4554** is the 20% darker color. If you saturate the color by 10%, you get **437186**, and if you desaturate by 10%, it is **5D7986**.

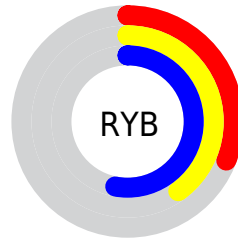
# Distribution



Red (31%)

Green (46%)

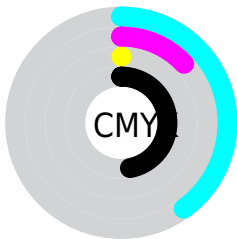
Blue (53%)



Red (31%)

Yellow (40%)

Blue (53%)

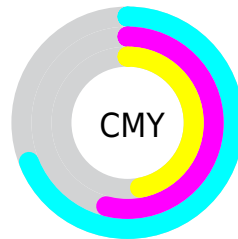


Cyan (40%)

Magenta (13%)

Yellow (0%)

Black (47%)



Cyan (69%)

Magenta (54%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 507586 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 507586 by changing the saturation by 10% instead.



■ 507586

■ 507586

FFFFFF

■ 375C6D

■ 84A9BB

■ 1E4554

■ 9EC4D7

■ 012F3D

■ BAE0F3

■ 001A27

■ D6FDFF

■ 000113

■ F3FFFF

■ 000000

■ 507586

■ 507586

■ 437186

■ 5D7986

■ 356D86

■ 6B7D86

■ 286886

■ 788286

■ 1A6486

■ 868686

■ 0D6086

■ 938A86

■ 005C86

■ A08E86

■ AE9386

■ BB9786

■ C99B86

# Harmonies

## Analogous

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



4B777C



507586



5F718A

# Triad

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



507586



8A6671



6C7358

# Complementary

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



507586



866150

# 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.



7B6F55



507586



8B6764

# Square

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



507586



80697E



866A5A



5D7661

# Rectangle

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



507586



6B6E89



866A5A



727256



# Sweetspot

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



507586



99A7AD



508660



4B5357



D6D6D6



575757



# Same Dimension

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



507586



5A93AD



505B86



3C4042



005982



000203



# Inverse Universe

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



865075



AD5A93



867B50



423C40



820059



030002



# Previews

## White Background



This preview shows how the Hex color 507586 looks on a white background.

## Color Contrast Check

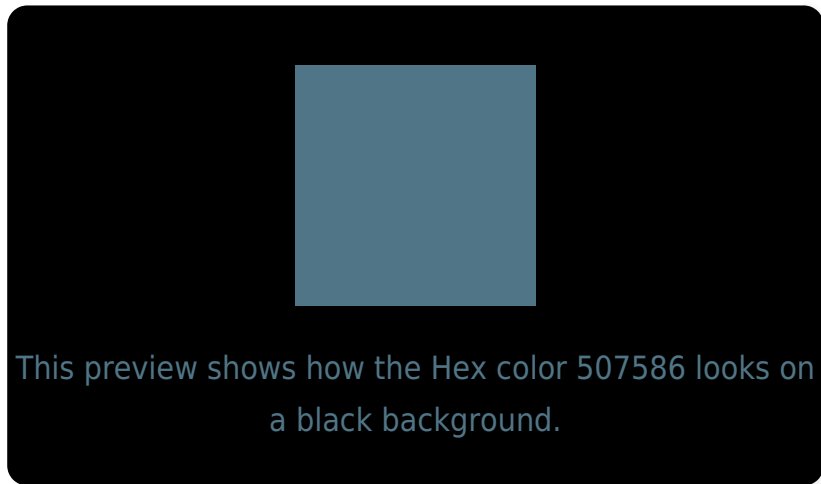
Large Text (above 18pt) WCAG AA ✓ Pass

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

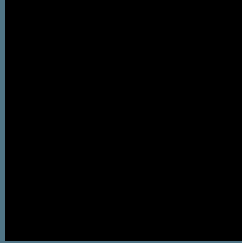
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

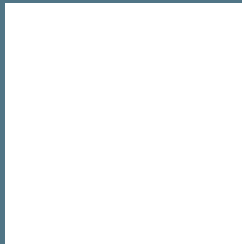
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 507586 Background



This preview shows how black text looks on a background with the Hex color 507586.

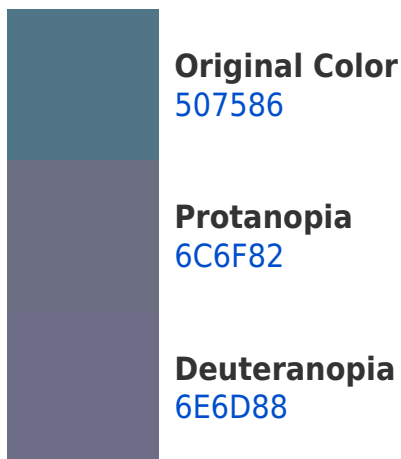


This preview shows how white text looks on a background with the Hex color 507586.

# 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**  
4E7680

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 507586 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 #507586 looks like.

```
.text, #text, p{  
    color:#507586  
}
```

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 #507586 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507586
}
```

## Border

The CSS property to change the border of an element to Hex 507586 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
#507586 }
```

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

```
.border{ border-color:#507586 }
```

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

Here you see how a box with a 4 pixel #507586 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507586; -webkit-box-shadow:4px 4px  
4px 4px #507586; box-shadow:4px 4px 4px  
4px #507586 }
```

# Background

The CSS property to change the background color of an element to Hex 507586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507586 }
```

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

```
.background{ background-color:#507586 }
```

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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