

# Converting Colors

Hex(507583)

Have a look what the booklet for  
Hex(507583) contains.

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# Color

**Hex(507583)**

# Conversions

## Conversions Part 1

Format	Color
Hex	507583
RGB	80, 117, 131
RGB Percent	31%, 46%, 51%
CMY	0.6863, 0.5412, 0.4863
CMYK	0.39, 0.11, 0.00, 0.49
HSL	196°, 24%, 41%
HSV	196°, 39%, 51%
XYZ	13.7663, 16.0667, 23.8484
YIQ	107.5330, -26.5460, -3.4900

# Conversions

## Conversions Part 2

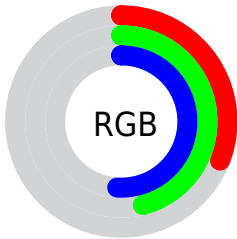
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 101, 131
Decimal	5272963
CIELab	47.06, -9.24, -11.83
CIELCh	47, 15.010, 232.015
Yxy	16.0667, 0.2564, 0.2993
Android (android.graphics.Color)	4283463043 (0xFF507583)
YUV	107.5330, 11.5692, -24.1464
Hunter-Lab	40.0833, -8.8415, -7.2174

# Details

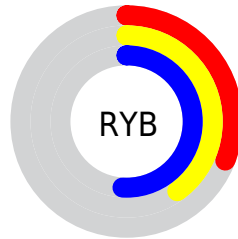
The Hex color **507583** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **835E50**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **83A9B8**, and **1E4552** is the 20% darker color. If you saturate the color by 10%, you get **437183**, and if you desaturate by 10%, it is **5D7983**.

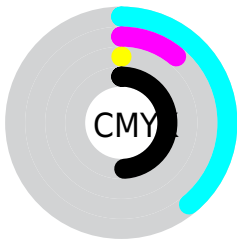
# Distribution



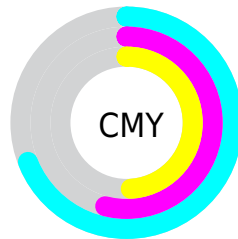
- Red (31%)
- Green (46%)
- Blue (51%)



- Red (31%)
- Yellow (40%)
- Blue (51%)



- Cyan (39%)
- Magenta (11%)
- Yellow (0%)
- Black (49%)



- Cyan (69%)
- Magenta (54%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 507583 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 507583 by changing the saturation by 10% instead.



 507583

 507583

FFFFFF

 375C6A

 83A9B8

 1E4552

 9EC4D4

 022E3B

 BAE0F0

 001A25

 D6FDFF

 000110

 F2FFFF

 000000

 507583

 507583

 437183

 5D7983

 366E83

 6A7C83

■ 296A83

■ 778083

■ 1C6783

■ 848383

■ 0F6383

■ 928783

■ 015F83

■ 9F8B83

■ 005F83

■ AC8E83

■ B99283

■ C69583

# Harmonies

## Analogous

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



4D7779



507583



5D7288

# Triad

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



507583



876773



6F7258

# Complementary

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



507583



835E50

# 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.



7C6E57



507583



8A6767

# Square

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



507583



7D697F



866A5C



617560

# Rectangle

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



507583



686F88



866A5C



747057



# Sweetspot

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



507583



96A5AB



50835E



4B5357



D6D6D6



575757



# Same Dimension

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



507583



5B95AB



505C83



3C4042



005E82



000203



# Inverse Universe

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



835075



AB5B95



837750



423C40



82005E



030002



# Previews

## White Background



This preview shows how the Hex color 507583 looks on a white background.

## Color Contrast Check

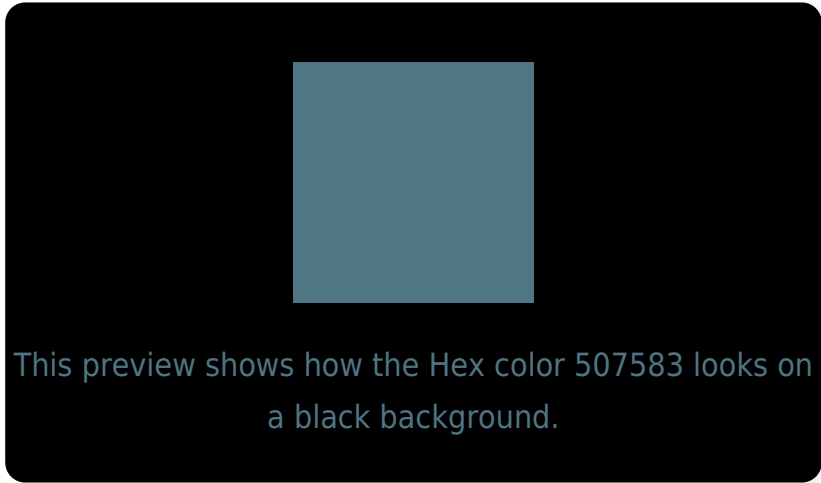
Large Text (above 18pt) WCAG AA ✓ Pass

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

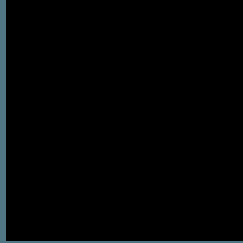
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

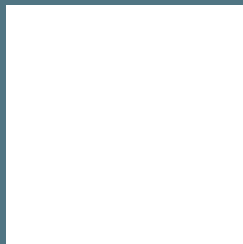
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 507583 Background



This preview shows how black text looks on a background with the Hex color 507583.

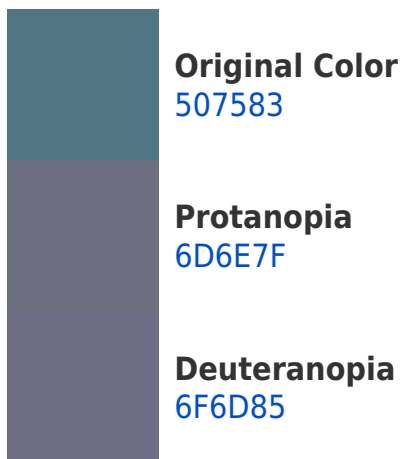



This preview shows how white text looks on a background with the Hex color 507583.

# 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](#).

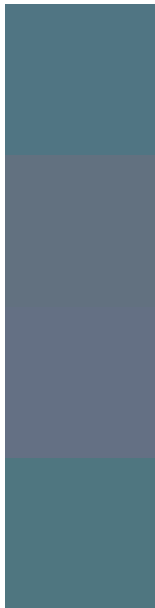
## Dichromacy





**Tritanopia**  
4F767F

# Trichromacy



**Original Color**  
507583

**Protanomaly**  
627180

**Deuteranomaly**  
647084

**Tritanomaly**  
4F7680

# Monochromacy



**Original Color**  
507583

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
626F74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 507583 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 #507583 looks like.

```
.text, #text, p{  
    color:#507583  
}
```

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 #507583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507583
}
```

## Border

The CSS property to change the border of an element to Hex 507583 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
#507583 }
```

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

```
.border{ border-color:#507583 }
```

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

Here you see how a box with a 4 pixel #507583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507583; -webkit-box-shadow:4px 4px  
4px 4px #507583; box-shadow:4px 4px 4px  
4px #507583 }
```

# Background

The CSS property to change the background color of an element to Hex 507583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507583 }
```

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

```
.background{ background-color:#507583 }
```

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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