

# Converting Colors

Hex(577D86)

Have a look what the booklet for  
Hex(577D86) contains.

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# Color

Hex(577D86)

# Conversions

## Conversions Part 1

Format	Color
Hex	577D86
RGB	87, 125, 134
RGB Percent	34%, 49%, 53%
CMY	0.6588, 0.5098, 0.4745
CMYK	0.35, 0.07, 0.00, 0.47
HSL	191°, 21%, 43%
HSV	191°, 35%, 53%
XYZ	15.5672, 18.4147, 25.2882
YIQ	114.6640, -25.5370, -5.2570

# Conversions

## Conversions Part 2

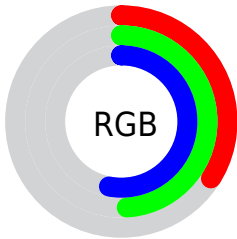
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 108, 134
Decimal	5733766
CIE <sub>Lab</sub>	50.00, -10.90, -9.15
CIE <sub>LCh</sub>	50, 14.231, 220.024
Yxy	18.4147, 0.2626, 0.3107
Android (android.graphics.Color)	4283923846 (0xFF577D86)
YUV	114.6640, 9.5326, -24.2613
Hunter-Lab	42.9124, -10.3428, -4.9008

# Details

The Hex color **577D86** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **866057**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **8BB2BB**, and **264C54** is the 20% darker color. If you saturate the color by 10%, you get **4A7A86**, and if you desaturate by 10%, it is **648086**.

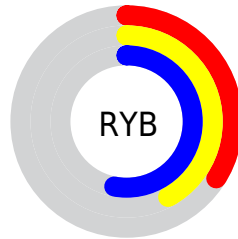
# Distribution



Red (34%)

Green (49%)

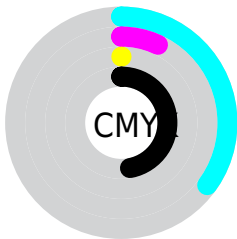
Blue (53%)



Red (34%)

Yellow (42%)

Blue (53%)

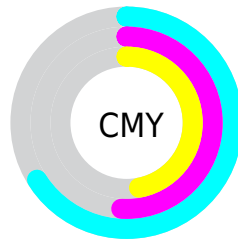


Cyan (35%)

Magenta (7%)

Yellow (0%)

Black (47%)



Cyan (66%)

Magenta (51%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 577D86 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 577D86 by changing the saturation by 10% instead.



■ 577D86

■ 577D86

FFFFFF

■ 3E646D

■ 8BB2BB

■ 264C54

■ A5CDD7

■ 0C353D

■ C1E9F3

■ 002028

■ DDFFFF

■ 000114

■ FAFFFF

■ 000000

■ 577D86

■ 577D86

■ 4A7A86

■ 648086

■ 3C7886

■ 728286

■ 2F7586

■ 7F8586

■ 217386

■ 8D8786

■ 147086

■ 9A8A86

■ 076E86

■ A78C86

■ 006C86

■ B58F86

■ C29286

■ D09486

# Harmonies

## Analogous

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



587E7B



577D86



607A8D

# Triad

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



577D86



8A6F7F



7C775F

# Complementary

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



577D86



866057

# 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.



887361



577D86



906E73

# Square

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



577D86



7E7389



8F7068



6E7B64

# Rectangle

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



577D86



69788F



8F7068



80765F



# Sweetspot

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



577D86



9AAAAD



578660



4B5557



D6D6D6



575757



# Same Dimension

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



577D86



659FAD



576686



3C4142



006982



000203



# Inverse Universe

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



86577D



AD659F



867757



423C41



820069

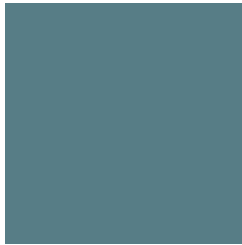


030002



# Previews

## White Background



This preview shows how the Hex color 577D86 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

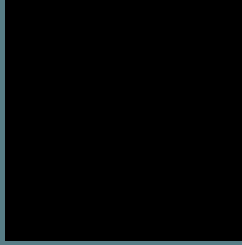
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

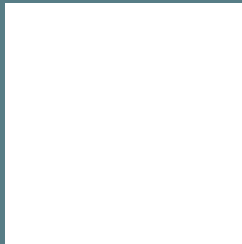
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 577D86 Background



This preview shows how black text looks on a background with the Hex color 577D86.

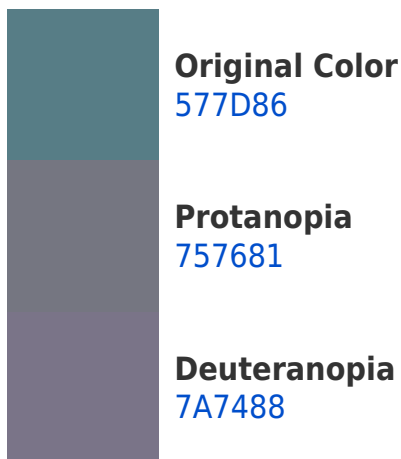


This preview shows how white text looks on a background with the Hex color 577D86.

# 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](#).

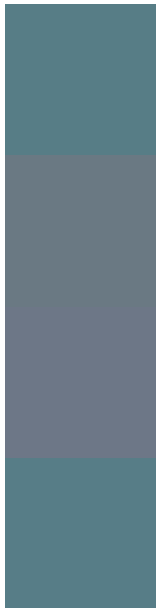
## Dichromacy





**Tritanopia**  
577D87

# Trichromacy



**Original Color**  
577D86

**Protanomaly**  
6A7983

**Deuteranomaly**  
6D7787

**Tritanomaly**  
577D87

# Monochromacy



**Original Color**  
577D86

**Achromatopsia**  
737373

**Achromatomaly**  
69777A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 577D86 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 #577D86 looks like.

```
.text, #text, p{  
    color:#577D86  
}
```

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 #577D86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #577D86
}
```

## Border

The CSS property to change the border of an element to Hex 577D86 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
#577D86 }
```

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

```
.border{ border-color:#577D86 }
```

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

Here you see how a box with a 4 pixel #577D86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #577D86; -webkit-box-shadow:4px 4px  
4px 4px #577D86; box-shadow:4px 4px 4px  
4px #577D86 }
```

# Background

The CSS property to change the background color of an element to Hex 577D86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#577D86 }
```

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

```
.background{ background-color:#577D86 }
```

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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