

# Converting Colors

Hex(576F91)

Have a look what the booklet for  
Hex(576F91) contains.

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# Color

**Hex(576F91)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	576F91
RGB	87, 111, 145
RGB Percent	34%, 44%, 57%
CMY	0.6588, 0.5647, 0.4314
CMYK	0.40, 0.23, 0.00, 0.43
HSL	215°, 25%, 45%
HSV	215°, 40%, 57%
XYZ	14.7258, 15.4394, 28.9920
YIQ	107.7000, -25.2180, 5.4860

# Conversions

## Conversions Part 2

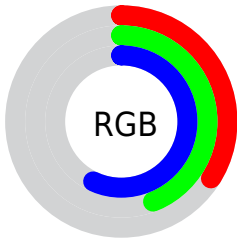
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 104, 145
Decimal	5730193
CIELab	46.23, 0.31, -21.37
CIELCh	46, 21.376, 270.832
Yxy	15.4394, 0.2489, 0.2610
Android (android.graphics.Color)	4283920273 (0xFF576F91)
YUV	107.7000, 18.3889, -18.1539
Hunter-Lab	39.2931, -1.8669, -16.2415

# Details

The Hex color **576F91** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **917957**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **8BA3C7**, and **25405E** is the 20% darker color. If you saturate the color by 10%, you get **496691**, and if you desaturate by 10%, it is **667791**.

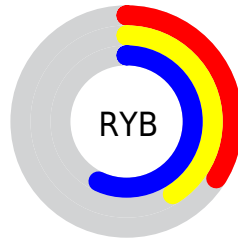
# Distribution



Red (34%)

Green (44%)

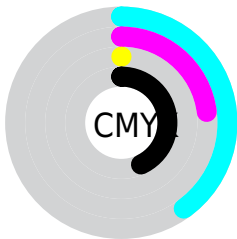
Blue (57%)



Red (34%)

Yellow (41%)

Blue (57%)

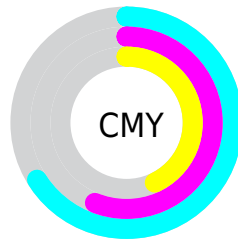


Cyan (40%)

Magenta (23%)

Yellow (0%)

Black (43%)



Cyan (66%)

Magenta (56%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 576F91 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 576F91 by changing the saturation by 10% instead.



■ 576F91

■ 576F91

FFFFFF

■ 3E5777

■ 8BA3C7

■ 25405E

■ A6BEE3

■ 092A47

■ C2D9FF

■ 001530

■ DEF6FF

■ 00011B

■ FBFFFF

■ 000000

■ 576F91

■ 576F91

■ 496691

■ 667791

■ 3A5E91

■ 748091

■ 2C5691

■ 838991

■ 1D4D91

■ 919191

■ 0E4491

■ A09A91

■ 003C91

■ AEA291

■ BDAB91

■ CBB391

■ DABB91

# Harmonies

## Analogous

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



3F748C



576F91



71698C

# Triad

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



576F91



91625C



52765C

# Complementary

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



576F91



917957

# 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.



67724E



576F91



89664F

# Square

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



576F91



90606E



7A6D4A



3E776D

# Rectangle

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



576F91



7F6584



7A6D4A



597556



# Sweetspot

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



576F91



A6AFBD



579179



51575E



DEDEDE



5E5E5E



# Same Dimension

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



576F91



6288BD



5C5791



404347



003887



000308



# Inverse Universe

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



91576F



BD6288



8C9157



474043



870038



080003



# Previews

## White Background



This preview shows how the Hex color 576F91 looks on a white background.

## Color Contrast Check

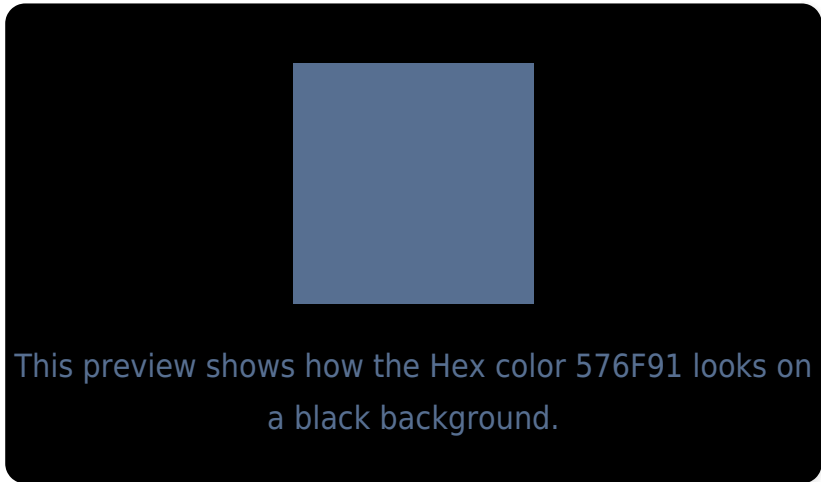
Large Text (above 18pt) WCAG AA ✓ Pass

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

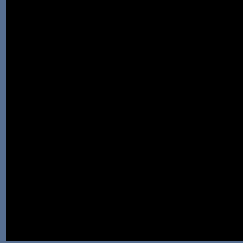
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

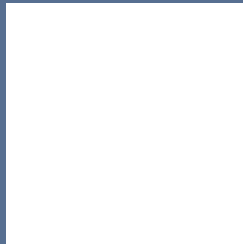
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 576F91 Background



This preview shows how black text looks on a background with the Hex color 576F91.

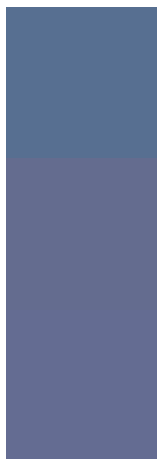


This preview shows how white text looks on a background with the Hex color 576F91.

# 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**  
576F91

**Protanopia**  
646C8F

**Deuteranopia**  
646C92



# Trichromacy



**Original Color**  
576F91

**Protanomaly**  
5F6D90

**Deuteranomaly**  
5F6D92

**Tritanomaly**  
547284

# Monochromacy



**Original Color**  
576F91

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
646D79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 576F91 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 #576F91 looks like.

```
.text, #text, p{  
    color:#576F91  
}
```

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 #576F91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576F91
}
```

## Border

The CSS property to change the border of an element to Hex 576F91 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
#576F91 }
```

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

```
.border{ border-color:#576F91 }
```

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

Here you see how a box with a 4 pixel #576F91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576F91; -webkit-box-shadow:4px 4px  
4px 4px #576F91; box-shadow:4px 4px 4px  
4px #576F91 }
```

# Background

The CSS property to change the background color of an element to Hex 576F91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576F91 }
```

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

```
.background{ background-color:#576F91 }
```

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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