

Converting Colors

Hex(565D7F)

Have a look what the booklet for
Hex(565D7F) contains.

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Color

Hex(565D7F)

Conversions

Conversions Part 1

Format	Color
Hex	565D7F
RGB	86, 93, 127
RGB Percent	34%, 36%, 50%
CMY	0.6627, 0.6353, 0.5020
CMYK	0.32, 0.27, 0.00, 0.50
HSL	230°, 19%, 42%
HSV	230°, 32%, 50%
XYZ	11.5829, 11.3394, 21.6569
YIQ	94.7830, -15.0860, 9.0900

Conversions

Conversions Part 2

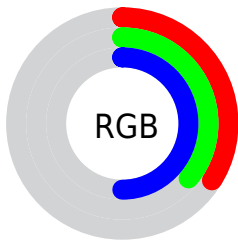
Format	Color
R_{YB}	86, 92, 127
Decimal	5660031
CIE _{Lab}	40.15, 5.88, -19.94
CIE _{LCh}	40, 20.791, 286.433
Yxy	11.3394, 0.2598, 0.2544
Android (android.graphics.Color)	4283850111 (0xFF565D7F)
YUV	94.7830, 15.8830, -7.7027
Hunter-Lab	33.6741, 2.4690, -14.5595

Details

The Hex color **565D7F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7F7856**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **898FB4**, and **272F4E** is the 20% darker color. If you saturate the color by 10%, you get **49527F**, and if you desaturate by 10%, it is **63687F**.

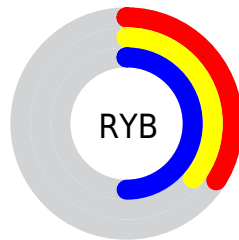
Distribution



Red (34%)

Green (36%)

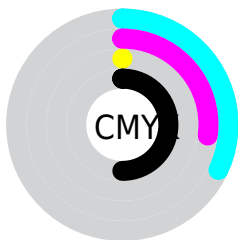
Blue (50%)



Red (34%)

Yellow (36%)

Blue (50%)

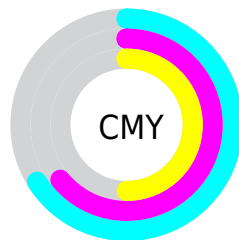


Cyan (32%)

Magenta (27%)

Yellow (0%)

Black (50%)



Cyan (66%)

Magenta (64%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 565D7F 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 565D7F by changing the saturation by 10% instead.

■ 565D7F

FFFFFF

■ 898FB4

■ A3AACF

■ BFC5EC

■ DBE1FF

■ F8FDFF

■ 565D7F

■ 3E4666

■ 272F4E

■ 0F1B37

■ 000022

■ 000007

■ 000000

■ 565D7F

■ 49527F

■ 3D487F

■ 565D7F

■ 63687F

■ 6F727F

■ 303D7F

■ 7C7D7F

■ 23337F

■ 89877F

■ 17287F

■ 96927F

■ 0A1E7F

■ A29C7F

■ 00167F

■ AFA77F

■ BCB17F

■ C8BC7F

Harmonies

Analogous

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



3C637F



565D7F



6C5776

Triad

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



565D7F



7D5547



3A6756

Complementary

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



565D7F



7F7856

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.



4E6547



565D7F



715B3E

Square

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



565D7F



805256



61613E



296868

Rectangle

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



565D7F



77546D



61613E



406751

Sweetspot

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



565D7F



9598A6



567F77



4A4C54



D4D4D4



545454

Same Dimension

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



565D7F



6570A6



63567F



393A40



001680



000000

Inverse Universe

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



7F565D



A66570



727F56



40393A



800016



000000

Previews

White Background



This preview shows how the Hex color 565D7F looks on a white background.

Color Contrast Check

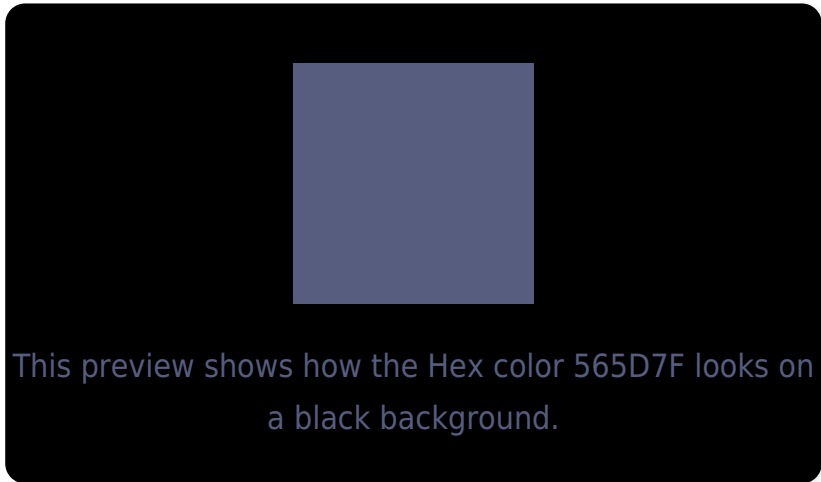
Large Text (above 18pt) WCAG AA ✓ Pass

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

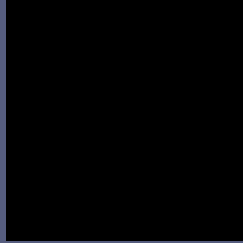
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

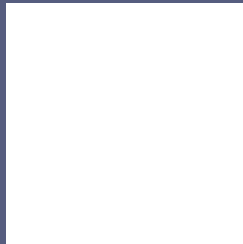
Any Text WCAG AAA × Fail

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

Hex 565D7F Background



This preview shows how black text looks on a background with the Hex color 565D7F.



This preview shows how white text looks on a background with the Hex color 565D7F.

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

565D7F

Protanopia

555D7F

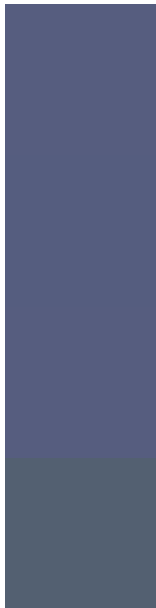
Deuteranopia

565D7F



Tritanopia
516169

Trichromacy



Original Color
565D7F

Protanomaly
555D7F

Deuteranomaly
565D7F

Tritanomaly
536071

Monochromacy



Original Color
565D7F

Achromatopsia
5F5F5F

Achromatomaly
5C5E6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 565D7F 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 #565D7F looks like.

```
.text, #text, p{  
    color:#565D7F  
}
```

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 #565D7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565D7F
}
```

Border

The CSS property to change the border of an element to Hex 565D7F 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
#565D7F }
```

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

```
.border{ border-color:#565D7F }
```

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

Here you see how a box with a 4 pixel #565D7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565D7F; -webkit-box-shadow:4px 4px  
4px 4px #565D7F; box-shadow:4px 4px 4px  
4px #565D7F }
```

Background

The CSS property to change the background color of an element to Hex 565D7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565D7F }
```

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

```
.background{ background-color:#565D7F }
```

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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