

Converting Colors

Hex(565B78)

Have a look what the booklet for
Hex(565B78) contains.

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Color

Hex(565B78)

Conversions

Conversions Part 1

Format	Color
Hex	565B78
RGB	86, 91, 120
RGB Percent	34%, 36%, 47%
CMY	0.6627, 0.6431, 0.5294
CMYK	0.28, 0.24, 0.00, 0.53
HSL	231°, 17%, 40%
HSV	231°, 28%, 47%
XYZ	10.9690, 10.8167, 19.2790
YIQ	92.8110, -12.2890, 7.9590

Conversions

Conversions Part 2

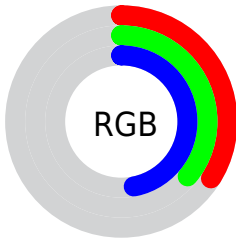
Format	Color
R_{YB}	86, 90, 120
Decimal	5659512
CIE _{Lab}	39.27, 5.20, -17.01
CIE _{LCh}	39, 17.790, 286.997
Yxy	10.8167, 0.2671, 0.2634
Android (android.graphics.Color)	4283849592 (0xFF565B78)
YUV	92.8110, 13.4042, -5.9732
Hunter-Lab	32.8887, 1.9779, -11.7330

Details

The Hex color **565B78** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **787356**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **888DAC**, and **272D47** is the 20% darker color. If you saturate the color by 10%, you get **4A5178**, and if you desaturate by 10%, it is **626578**.

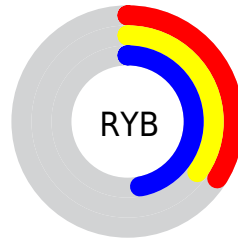
Distribution



Red (34%)

Green (36%)

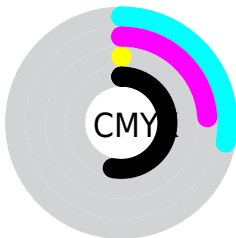
Blue (47%)



Red (34%)

Yellow (35%)

Blue (47%)

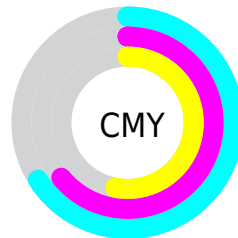


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (53%)



Cyan (66%)

Magenta (64%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 565B78 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 565B78 by changing the saturation by 10% instead.

■ 565B78

■ 565B78

FFFFFF

■ 3E445F

■ 888DAC

■ 272D47

■ A3A7C8

■ 111931

■ BEC3E4

■ 00001C

■ DADEFF

■ 000000

■ F7FBFF

■ 565B78

■ 565B78

■ 4A5178

■ 626578

■ 3E4778

■ 6E6F78

■ 323C78

■ 7A7A78

■ 263278

■ 868478

■ 1A2878

■ 928E78

■ 0E1E78

■ 9E9878

■ 021378

■ AAA378

■ 001278

■ B6AD78

■ C2B778

Harmonies

Analogous

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



416078



565B78



695670

Triad

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



565B78



765548



3E6456

Complementary

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



565B78



787356

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.



4E6248



565B78



6D5941

Square

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



565B78



7A5255



5E5E41



326564

Rectangle

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



565B78



725368



5E5E41



436451

Sweetspot

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



565B78



8E909C



567873



46484F



CFCFCF



4F4F4F

Same Dimension

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



565B78



676E9C



625678



37383D



00127D



0025FC

Inverse Universe

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



78565B



9C676E



6C7856



3D3738



7D0012



FC0025

Previews

White Background



This preview shows how the Hex color 565B78 looks on a white background.

Color Contrast Check

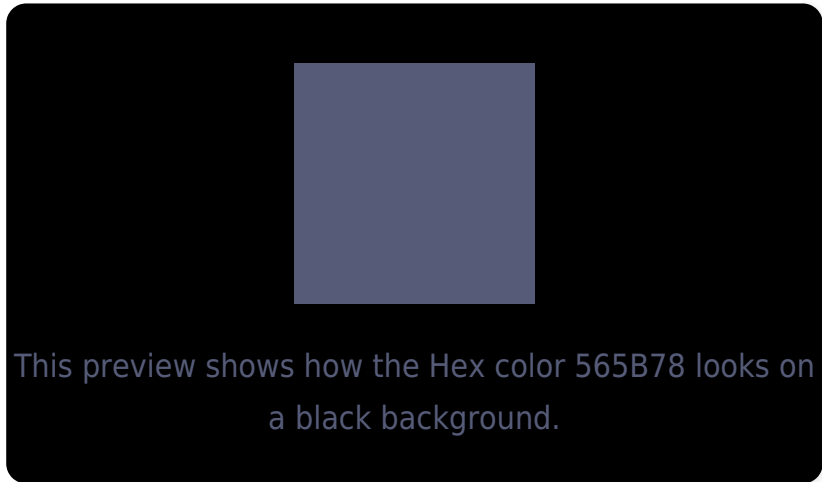
Large Text (above 18pt) WCAG AA ✓ Pass

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

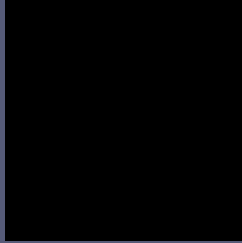
Any Text WCAG AA × Fail

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 565B78 Background



This preview shows how black text looks on a background with the Hex color 565B78.

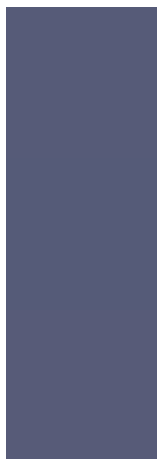


This preview shows how white text looks on a background with the Hex color 565B78.

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

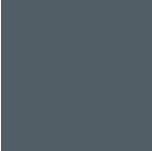
565B78

Protanopia

555B78

Deuteranopia

575B78



Tritanopia
525E66

Trichromacy



Original Color
565B78

Protanomaly
555B78

Deuteranomaly
575B78

Tritanomaly
535D6D

Monochromacy



Original Color
565B78

Achromatopsia
5D5D5D

Achromatomaly
5A5C67

CSS Examples

Text

The CSS property to change the color of the text to Hex 565B78 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 #565B78 looks like.

```
.text, #text, p{  
    color:#565B78  
}
```

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 #565B78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565B78  
}
```

Border

The CSS property to change the border of an element to Hex 565B78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

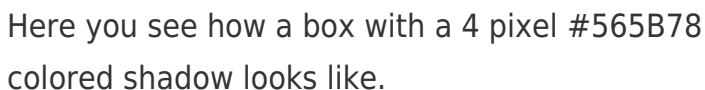
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#565B78 }
```

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

```
.border{ border-color:#565B78 }
```

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



Here you see how a box with a 4 pixel #565B78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565B78; -webkit-box-shadow:4px 4px  
4px 4px #565B78; box-shadow:4px 4px 4px  
4px #565B78 }
```

Background

The CSS property to change the background color of an element to Hex 565B78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565B78 }
```

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

```
.background{ background-color:#565B78 }
```

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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