

Converting Colors

Hex(565A76)

Have a look what the booklet for
Hex(565A76) contains.

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Color

Hex(565A76)

Conversions

Conversions Part 1

Format	Color
Hex	565A76
RGB	86, 90, 118
RGB Percent	34%, 35%, 46%
CMY	0.6627, 0.6471, 0.5373
CMYK	0.27, 0.24, 0.00, 0.54
HSL	232°, 16%, 40%
HSV	232°, 27%, 46%
XYZ	10.7639, 10.5988, 18.6180
YIQ	91.9960, -11.3720, 7.8600

Conversions

Conversions Part 2

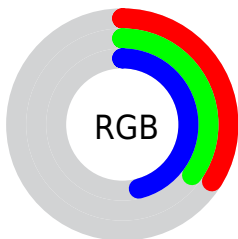
Format	Color
R_{YB}	86, 90, 118
Decimal	5659254
CIE _{Lab}	38.90, 5.28, -16.36
CIE _{LCh}	39, 17.192, 287.902
Yxy	10.5988, 0.2692, 0.2651
Android (android.graphics.Color)	4283849334 (0xFF565A76)
YUV	91.9960, 12.8200, -5.2585
Hunter-Lab	32.5557, 2.0450, -11.1177

Details

The Hex color **565A76** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **767256**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **888CAA**, and **272D46** is the 20% darker color. If you saturate the color by 10%, you get **4A5076**, and if you desaturate by 10%, it is **626476**.

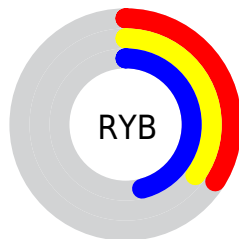
Distribution



Red (34%)

Green (35%)

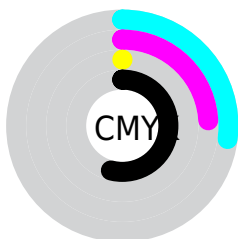
Blue (46%)



Red (34%)

Yellow (35%)

Blue (46%)

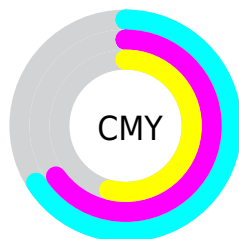


Cyan (27%)

Magenta (24%)

Yellow (0%)

Black (54%)



Cyan (66%)

Magenta (65%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 565A76 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 565A76 by changing the saturation by 10% instead.

■ 565A76

■ 565A76

FFFFFF

■ 3E435D

■ 888CAA

■ 272D46

■ A3A6C6

■ 12182F

■ BEC1E2

■ 00011B

■ DADDFE

■ 000000

■ F7FAFF

■ 565A76

■ 565A76

■ 4A5076

■ 626476

■ 3E4576

■ 6E6F76

■ 333B76

■ 797976

■ 273176

■ 858376

■ 1B2676

■ 918E76

■ 0F1C76

■ 9D9876

■ 031276

■ A9A276

■ 000F76

■ B4AD76

■ C0B776

Harmonies

Analogous

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



425F77



565A76



68556E

Triad

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



565A76



755447



3E6355

Complementary

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



565A76



767256

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.



4D6149



565A76



6B5941

Square

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



565A76



785254



5D5D41



336364

Rectangle

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



565A76



715366



5D5D41



436351

Sweetspot

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



565A76



8D8E99



567672



45464D



CCCCCC



4D4D4D

Same Dimension

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



565A76



676D99



625676



35363B



000F7A



001FFA

Inverse Universe

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



76565A



99676D



6A7656



3B3536



7A000F



FA001F

Previews

White Background



This preview shows how the Hex color 565A76 looks on a white background.

Color Contrast Check

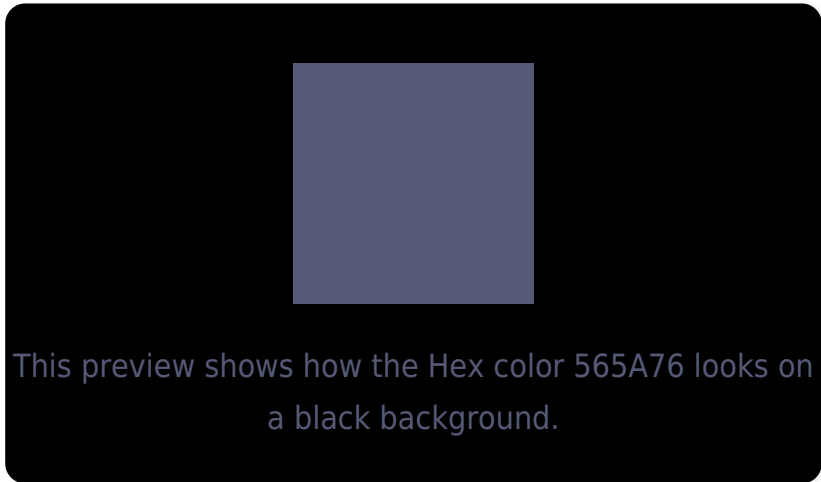
Large Text (above 18pt) WCAG AA ✓ Pass

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

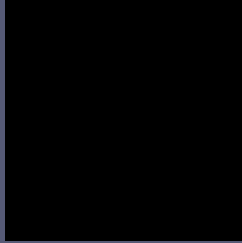
Any Text WCAG AA × Fail

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 565A76 Background



This preview shows how black text looks on a background with the Hex color 565A76.

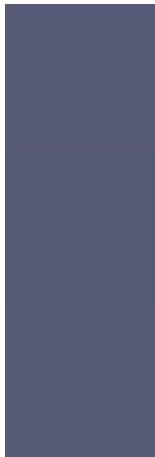


This preview shows how white text looks on a background with the Hex color 565A76.

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
565A76

Protanopia
545A76

Deuteranopia
565A76



Tritanopia
525D65

Trichromacy



Original Color
565A76

Protanomaly
555A76

Deuteranomaly
565A76

Tritanomaly
535C6B

Monochromacy



Original Color
565A76

Achromatopsia
5C5C5C

Achromatomaly
5A5B65

CSS Examples

Text

The CSS property to change the color of the text to Hex 565A76 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 #565A76 looks like.

```
.text, #text, p{  
    color:#565A76  
}
```

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 #565A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565A76
}
```

Border

The CSS property to change the border of an element to Hex 565A76 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
#565A76 }
```

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

```
.border{ border-color:#565A76 }
```

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

Here you see how a box with a 4 pixel #565A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565A76; -webkit-box-shadow:4px 4px  
4px 4px #565A76; box-shadow:4px 4px 4px  
4px #565A76 }
```

Background

The CSS property to change the background color of an element to Hex 565A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565A76 }
```

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

```
.background{ background-color:#565A76 }
```

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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