

Converting Colors

Hex(565B71)

Have a look what the booklet for
Hex(565B71) contains.

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Color

Hex(565B71)

Conversions

Conversions Part 1

Format	Color
Hex	565B71
RGB	86, 91, 113
RGB Percent	34%, 36%, 44%
CMY	0.6627, 0.6431, 0.5569
CMYK	0.24, 0.19, 0.00, 0.56
HSL	229°, 14%, 39%
HSV	229°, 24%, 44%
XYZ	10.5595, 10.6529, 17.1224
YIQ	92.0130, -10.0420, 5.7820

Conversions

Conversions Part 2

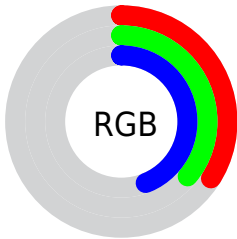
Format	Color
R_{YB}	86, 90, 113
Decimal	5659505
CIE _{Lab}	38.99, 3.34, -13.14
CIE _{LCh}	39, 13.561, 284.264
Yxy	10.6529, 0.2755, 0.2779
Android (android.graphics.Color)	4283849585 (0xFF565B71)
YUV	92.0130, 10.3466, -5.2734
Hunter-Lab	32.6387, 0.6316, -8.2568

Details

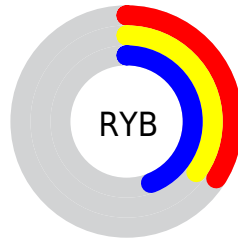
The Hex color **565B71** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **716C56**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **888DA5**, and **282D41** is the 20% darker color. If you saturate the color by 10%, you get **4B5271**, and if you desaturate by 10%, it is **616471**.

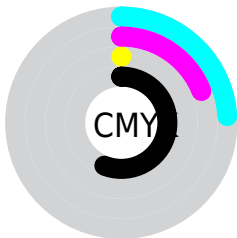
Distribution



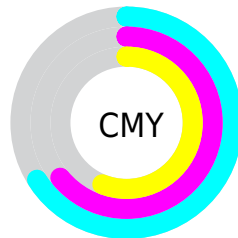
- Red (34%)
- Green (36%)
- Blue (44%)



- Red (34%)
- Yellow (35%)
- Blue (44%)



- Cyan (24%)
- Magenta (19%)
- Yellow (0%)
- Black (56%)



- Cyan (66%)
- Magenta (64%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 565B71 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 565B71 by changing the saturation by 10% instead.

■ 565B71

■ 565B71

FFFFFF

■ 3E4458

■ 888DA5

■ 282D41

■ A3A7C0

■ 13192B

■ BEC3DC

■ 000117

■ DADEF8

■ 000000

■ F6FBFF

■ 565B71

■ 565B71

■ 4B5271

■ 616471

■ 3F4971

■ 6D6D71

■ 343F71

■ 787771

■ 293671

■ 838071

■ 1E2D71

■ 8F8971

■ 122471

■ 9A9271

■ 071B71

■ A59B71

■ 001571

■ B0A571

■ BCAE71

Harmonies

Analogous

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



485F71



565B71



64576C

Triad

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



565B71



71564D



466255

Complementary

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



565B71



716C56

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.



52604C



565B71



6A5947

Square

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



565B71



735457



5F5D46



3E6261

Rectangle

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



565B71



6B5566



5F5D46



4A6152

Sweetspot

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



565B71



8A8B94



56716C



44454A



C9C9C9



4A4A4A

Same Dimension

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



565B71



697194



5E5671



323438



001678



002EF7

Inverse Universe

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



71565B



946971



697156



383234



780016



F7002E

Previews

White Background



This preview shows how the Hex color 565B71 looks on a white background.

Color Contrast Check

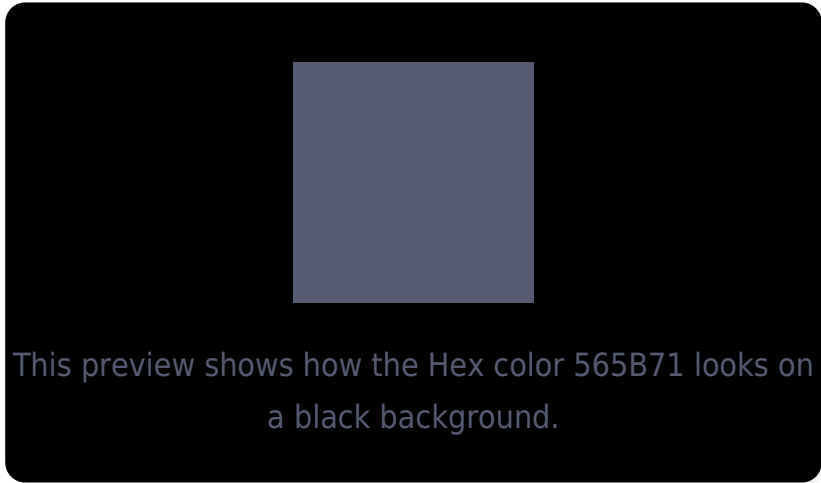
Large Text (above 18pt) WCAG AA ✓ Pass

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

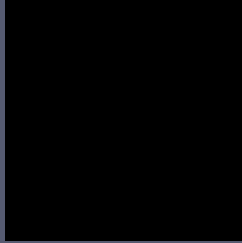
Any Text WCAG AA × Fail

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 565B71 Background



This preview shows how black text looks on a background with the Hex color 565B71.

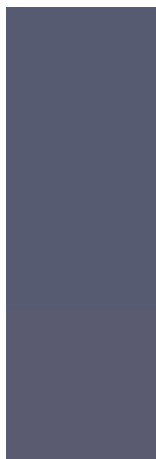


This preview shows how white text looks on a background with the Hex color 565B71.

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](#).

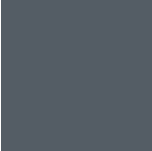
Dichromacy



Original Color
565B71

Protanopia
575B71

Deuteranopia
5A5A71



Tritanopia
545D65

Trichromacy



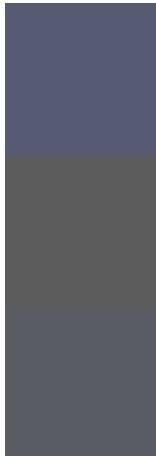
Original Color
565B71

Protanomaly
575B71

Deuteranomaly
595A71

Tritanomaly
555C69

Monochromacy



Original Color
565B71

Achromatopsia
5C5C5C

Achromatomaly
5A5C64

CSS Examples

Text

The CSS property to change the color of the text to Hex 565B71 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 #565B71 looks like.

```
.text, #text, p{  
    color:#565B71  
}
```

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 #565B71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565B71
}
```

Border

The CSS property to change the border of an element to Hex 565B71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

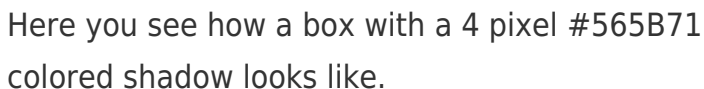
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#565B71 }
```

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

```
.border{ border-color:#565B71 }
```

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



Here you see how a box with a 4 pixel #565B71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565B71; -webkit-box-shadow:4px 4px  
4px 4px #565B71; box-shadow:4px 4px 4px  
4px #565B71 }
```

Background

The CSS property to change the background color of an element to Hex 565B71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565B71 }
```

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

```
.background{ background-color:#565B71 }
```

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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