

# Converting Colors

Hex(565B5E)

Have a look what the booklet for  
Hex(565B5E) contains.

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# Color

Hex(565B5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	565B5E
RGB	86, 91, 94
RGB Percent	34%, 36%, 37%
CMY	0.6627, 0.6431, 0.6314
CMYK	0.09, 0.03, 0.00, 0.63
HSL	203°, 4%, 35%
HSV	203°, 9%, 37%
XYZ	9.5992, 10.2688, 12.0658
YIQ	89.8470, -3.9430, -0.1270

# Conversions

## Conversions Part 2

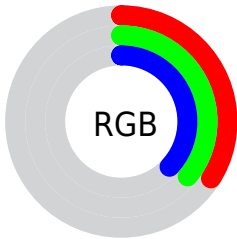
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 89, 94
Decimal	5659486
CIE Lab	38.32, -1.29, -2.41
CIE LCh	38, 2.734, 241.750
Yxy	10.2688, 0.3006, 0.3216
Android (android.graphics.Color)	4283849566 (0xFF565B5E)
YUV	89.8470, 2.0474, -3.3738
Hunter-Lab	32.0449, -2.6080, 0.1071

# Details

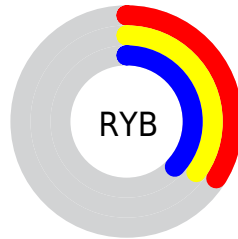
The Hex color **565B5E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E5956**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **888D90**, and **292D30** is the 20% darker color. If you saturate the color by 10%, you get **4D575E**, and if you desaturate by 10%, it is **5F5F5E**.

# Distribution



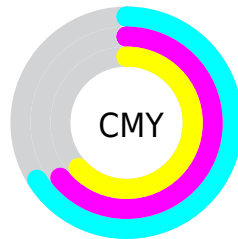
- Red (34%)
- Green (36%)
- Blue (37%)



- Red (34%)
- Yellow (35%)
- Blue (37%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (63%)



- Cyan (66%)
- Magenta (64%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 565B5E 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 565B5E by changing the saturation by 10% instead.





565B5E



565B5E

FFFFFF



3F4446



888D90



292D30



A2A7AB



15191B



BDC3C6



000000



D9DFE2



F5FBFF



565B5E



565B5E



4D575E



5F5F5E



43545E



69625E

■ 3A505E

■ 72665E

■ 304D5E

■ 7C695E

■ 27495E

■ 856D5E

■ 1E465E

■ 8E705E

■ 14425E

■ 98745E

■ 0B3F5E

■ A1775E

■ 013B5E

■ AB7B5E

# Harmonies

## Analogous

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



555B5C



565B5E



585A5F

# Triad

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



565B5E



5F595A



595B56

# Complementary

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



565B5E



5E5956

# 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.



5C5A56



565B5E



5F5958

# Square

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



565B5E



5D595C



5E5956



575B58

# Rectangle

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



565B5E



5A5A5E



5E5956



5A5B56



# Sweetspot

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



565B5E



77797A



565E59



3B3C3D



BDBDBD



3D3D3D



# Same Dimension

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



565B5E



6E767A



56575E



292C2E



00456E



0094ED



# Inverse Universe

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



5E565B



7A6E76



5E5D56



2E292C



6E0045



ED0094



# Previews

## White Background



This preview shows how the Hex color 565B5E looks on a white background.

## Color Contrast Check

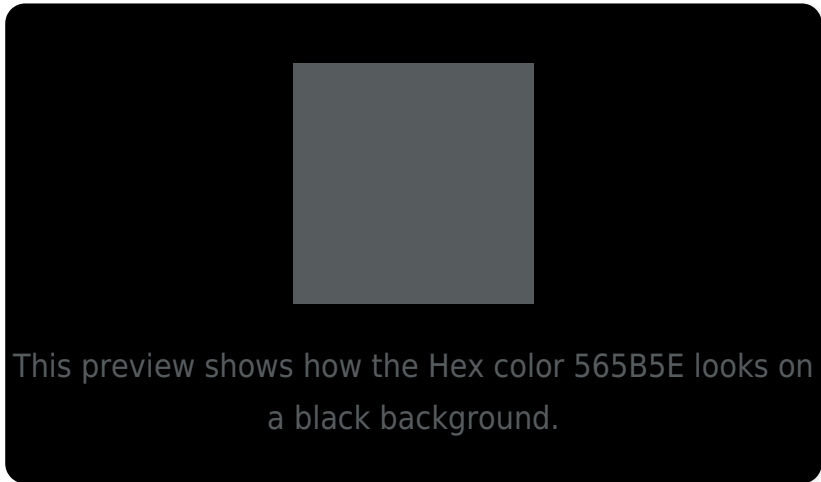
Large Text (above 18pt) WCAG AA ✓ Pass

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

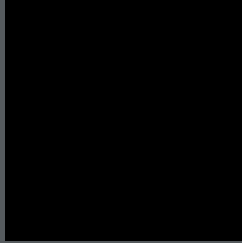
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

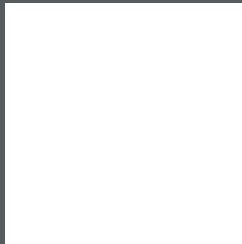
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 565B5E Background



This preview shows how black text looks on a background with the Hex color 565B5E.



This preview shows how white text looks on a background with the Hex color 565B5E.

# 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**  
565B5E

**Protanopia**  
5B5A5D

**Deuteranopia**  
61575F



**Tritanopia**  
575A62

# Trichromacy



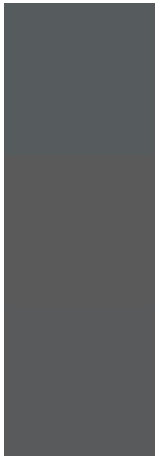
**Original Color**  
565B5E

**Protanomaly**  
595A5D

**Deuteranomaly**  
5D585F

**Tritanomaly**  
575A61

# Monochromacy



**Original Color**  
565B5E

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
595A5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 565B5E 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 #565B5E looks like.

```
.text, #text, p{  
    color:#565B5E  
}
```

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 #565B5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565B5E
}
```

## Border

The CSS property to change the border of an element to Hex 565B5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

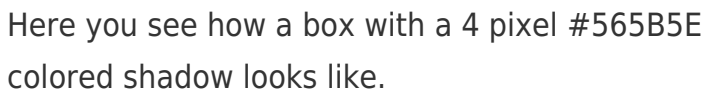
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#565B5E }
```

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

```
.border{ border-color:#565B5E }
```

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



Here you see how a box with a 4 pixel #565B5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565B5E; -webkit-box-shadow:4px 4px  
4px 4px #565B5E; box-shadow:4px 4px 4px  
4px #565B5E }
```

# Background

The CSS property to change the background color of an element to Hex 565B5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565B5E }
```

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

```
.background{ background-color:#565B5E }
```

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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