

# Converting Colors

Hex(565E5A)

Have a look what the booklet for  
Hex(565E5A) contains.

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# Color

Hex(565E5A)

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 565E5A                    |
| RGB         | 86, 94, 90                |
| RGB Percent | 34%, 37%, 35%             |
| CMY         | 0.6627, 0.6314, 0.6471    |
| CMYK        | 0.09, 0.00, 0.04, 0.63    |
| HSL         | 150°, 4%, 35%             |
| HSV         | 150°, 9%, 37%             |
| XYZ         | 9.6859, 10.7220, 11.2319  |
| YIQ         | 91.1520, -3.4840, -2.9400 |

# Conversions

## Conversions Part 2

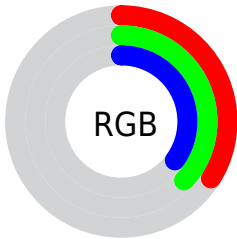
| Format                              | Color                        |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 86, 91, 94                   |
| Decimal                             | 5660250                      |
| CIE Lab                             | 39.11, -3.99, 1.22           |
| CIE LCh                             | 39, 4.172, 163.052           |
| Yxy                                 | 10.7220, 0.3061,<br>0.3389   |
| Android<br>(android.graphics.Color) | 4283850330<br>(0xFF565E5A)   |
| YUV                                 | 91.1520, -0.5679,<br>-4.5183 |
| Hunter-Lab                          | 32.7445, -4.5021,<br>2.5837  |

# Details

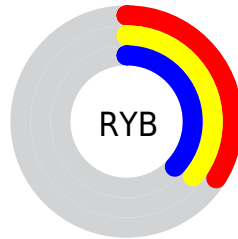
The Hex color **565E5A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E565A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **88908C**, and **29302D** is the 20% darker color. If you saturate the color by 10%, you get **4D5E55**, and if you desaturate by 10%, it is **5F5E5F**.

# Distribution



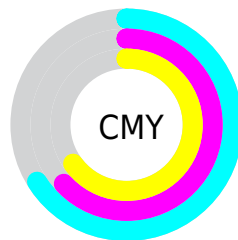
- Red (34%)
- Green (37%)
- Blue (35%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (63%)



- Cyan (66%)
- Magenta (63%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 565E5A 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 565E5A by changing the saturation by 10% instead.





565E5A



565E5A

FFFFFF



3F4643



88908C



29302D



A2ABA6



151B18



BDC6C1



000000



D9E2DD



F5FFFA



565E5A



565E5A



4D5E55



5F5E5F



435E51



695E63

■ 3A5E4C

■ 725E68

■ 305E47

■ 7C5E6D

■ 275E43

■ 855E72

■ 1E5E3E

■ 8E5E76

■ 145E39

■ 985E7B

■ 0B5E34

■ A15E80

■ 015E30

■ AB5E84

# Harmonies

## Analogous

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



595D57



565E5A



545E5D

# Triad

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



565E5A



5A5C63



635A58

# Complementary

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



565E5A



5E565A

# 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.



645A5B



565E5A



5F5B61

# Square

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



565E5A



575D62



625A5E



615B56

# Rectangle

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



565E5A



545E60



625A5E



645A59



# Sweetspot

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



565E5A



777A79



5A5E56



3B3D3C



BDBDBD



3D3D3D



# Same Dimension

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



565E5A



6E7A74



565E5E



292E2C



006E37



00ED77



# Inverse Universe

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



5E565A



7A6E74



5E5656



2E292C



6E0037



ED0077



# Previews

## White Background



This preview shows how the Hex color 565E5A looks on a white background.

## Color Contrast Check

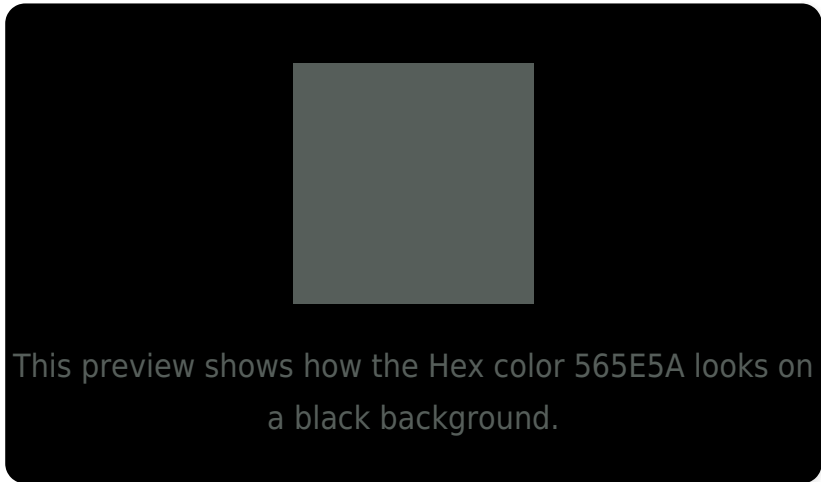
Large Text (above 18pt) WCAG AA ✓ Pass

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

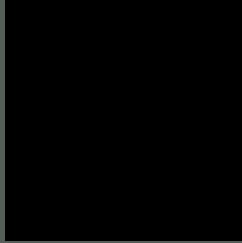
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

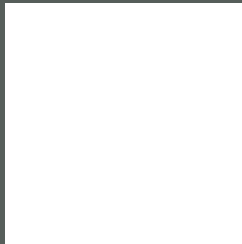
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 565E5A Background



This preview shows how black text looks on a background with the Hex color 565E5A.



This preview shows how white text looks on a background with the Hex color 565E5A.

# 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**


565E5A

**Protanopia**

5E5C59

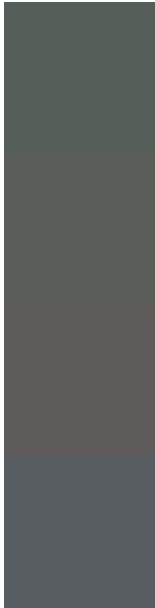
**Deuteranopia**

65595B



**Tritanopia**  
585D64

# Trichromacy



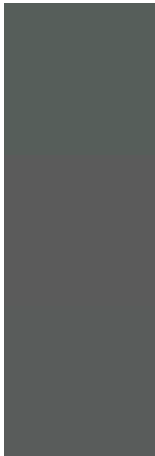
**Original Color**  
565E5A

**Protanomaly**  
5B5D59

**Deuteranomaly**  
605B5B

**Tritanomaly**  
575D60

# Monochromacy



**Original Color**  
565E5A

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
595C5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 565E5A 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 #565E5A looks like.

```
.text, #text, p{  
    color:#565E5A  
}
```

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 #565E5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565E5A
}
```

## Border

The CSS property to change the border of an element to Hex 565E5A is called "border". The border property can be set on classes, ids or directly on the HTML element.

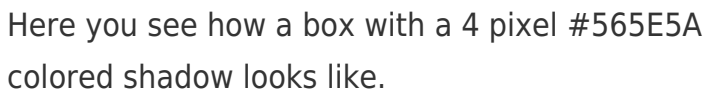
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#565E5A }
```

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

```
.border{ border-color:#565E5A }
```

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



Here you see how a box with a 4 pixel #565E5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565E5A; -webkit-box-shadow:4px 4px  
4px 4px #565E5A; box-shadow:4px 4px 4px  
4px #565E5A }
```

# Background

The CSS property to change the background color of an element to Hex 565E5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565E5A }
```

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

```
.background{ background-color:#565E5A }
```

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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