

# Converting Colors

Hex(565B60)

Have a look what the booklet for  
Hex(565B60) contains.

<b>Hex(565B60)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(565B60)**

# Conversions

## Conversions Part 1

Format	Color
Hex	565B60
RGB	86, 91, 96
RGB Percent	34%, 36%, 38%
CMY	0.6627, 0.6431, 0.6235
CMYK	0.10, 0.05, 0.00, 0.62
HSL	210°, 5%, 36%
HSV	210°, 10%, 38%
XYZ	9.6902, 10.3051, 12.5447
YIQ	90.0750, -4.5850, 0.4950

# Conversions

## Conversions Part 2

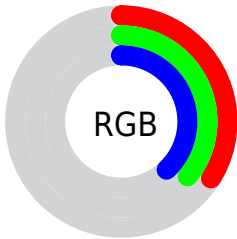
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 89, 96
Decimal	5659488
CIE Lab	38.38, -0.84, -3.55
CIE LCh	38, 3.650, 256.739
Yxy	10.3051, 0.2978, 0.3167
Android (android.graphics.Color)	4283849568 (0xFF565B60)
YUV	90.0750, 2.9210, -3.5738
Hunter-Lab	32.1016, -2.2960, -0.6983

# Details

The Hex color **565B60** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **605B56**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **888D92**, and **292D32** is the 20% darker color. If you saturate the color by 10%, you get **4C5660**, and if you desaturate by 10%, it is **606060**.

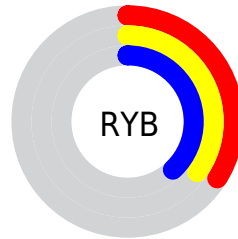
# Distribution



Red (34%)

Green (36%)

Blue (38%)



Red (34%)

Yellow (35%)

Blue (38%)

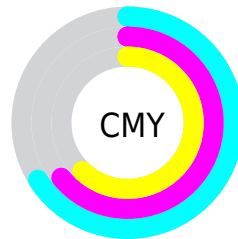


Cyan (10%)

Magenta (5%)

Yellow (0%)

Black (62%)



Cyan (66%)

Magenta (64%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 565B60 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 565B60 by changing the saturation by 10% instead.



■ 565B60

■ 565B60

FFFFFF

■ 3F4448

■ 888D92

■ 292D32

■ A2A7AD

■ 14191D

■ BDC3C8

■ 000002

■ D9DFE4

■ 000000

■ F5FBFF

■ 565B60

■ 565B60

■ 4C5660

■ 606060

■ 435160

■ 696560

■ 394D60

■ 736960

■ 304860

■ 7C6E60

■ 264360

■ 867360

■ 1C3E60

■ 907860

■ 133960

■ 997D60

■ 093560

■ A38160

■ 003060

■ AC8660

# Harmonies

## Analogous

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



545C5F



565B60



595A60

# Triad

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



565B60



615859



585C56

# Complementary

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



565B60



605B56

# 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.



5B5B55



565B60



605956

# Square

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



565B60



60595C



5E5A55



555C59

# Rectangle

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



565B60



5C595F



5E5A55



595B56



# Sweetspot

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



565B60



797B7D



56605B



3D3E40



BFBFBF



404040



# Same Dimension

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



565B60



6D757D



565660



2C2E30



003870



0078F0



# Inverse Universe

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



60565B



7D6D75



606056



302C2E



700038

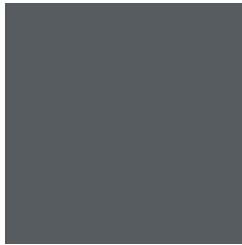


F00078



# Previews

## White Background



This preview shows how the Hex color 565B60 looks on a white background.

## Color Contrast Check

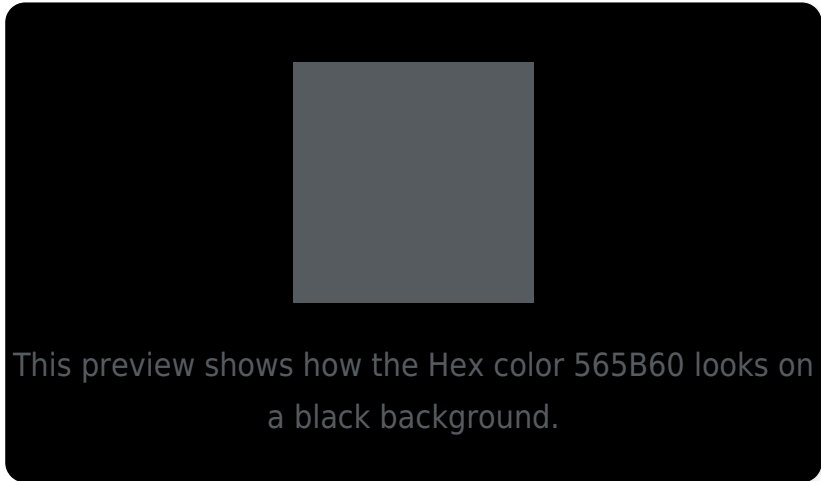
Large Text (above 18pt) WCAG AA ✓ Pass

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

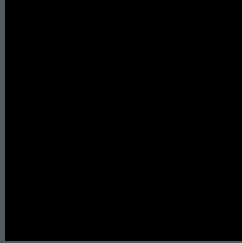
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

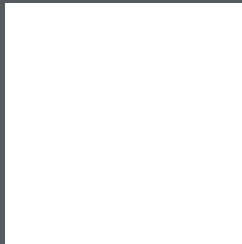
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 565B60 Background



This preview shows how black text looks on a background with the Hex color 565B60.

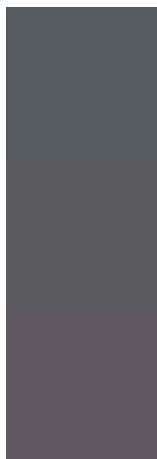


This preview shows how white text looks on a background with the Hex color 565B60.

# 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**

565B60

**Protanopia**

5A5A5F

**Deuteranopia**

605861



**Tritanopia**  
565B62

# Trichromacy



**Original Color**

565B60

**Protanomaly**

595A5F

**Deuteranomaly**

5C5961

**Tritanomaly**

565B61

# Monochromacy



**Original Color**

565B60

**Achromatopsia**

5A5A5A

**Achromatomaly**

595A5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 565B60 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 #565B60 looks like.

```
.text, #text, p{  
    color:#565B60  
}
```

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 #565B60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565B60
}
```

## Border

The CSS property to change the border of an element to Hex 565B60 is called "border". The border property can be set on classes, ids or directly on the HTML element.

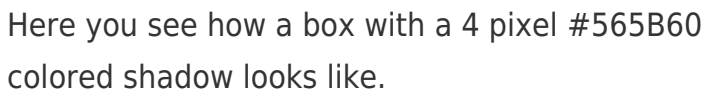
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#565B60 }
```

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

```
.border{ border-color:#565B60 }
```

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



Here you see how a box with a 4 pixel #565B60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565B60; -webkit-box-shadow:4px 4px  
4px 4px #565B60; box-shadow:4px 4px 4px  
4px #565B60 }
```

# Background

The CSS property to change the background color of an element to Hex 565B60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565B60 }
```

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

```
.background{ background-color:#565B60 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor