

# Converting Colors

Hex(565C52)

Have a look what the booklet for  
Hex(565C52) contains.

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# Color

Hex(565C52)

# Conversions

## Conversions Part 1

Format	Color
Hex	565C52
RGB	86, 92, 82
RGB Percent	34%, 36%, 32%
CMY	0.6627, 0.6392, 0.6784
CMYK	0.07, 0.00, 0.11, 0.64
HSL	96°, 6%, 34%
HSV	96°, 11%, 36%
XYZ	9.1879, 10.2419, 9.4753
YIQ	89.0660, -0.3660, -4.3820

# Conversions

## Conversions Part 2

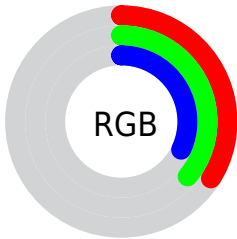
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	82, 92, 88
Decimal	5659730
CIE Lab	38.27, -4.46, 4.95
CIE LCh	38, 6.663, 132.071
Yxy	10.2419, 0.3179, 0.3543
Android (android.graphics.Color)	4283849810 (0xFF565C52)
YUV	89.0660, -3.4835, -2.6889
Hunter-Lab	32.0030, -4.7589, 4.8478

# Details

The Hex color **565C52** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **58525C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **888E83**, and **292E25** is the 20% darker color. If you saturate the color by 10%, you get **505C49**, and if you desaturate by 10%, it is **5C5C5B**.

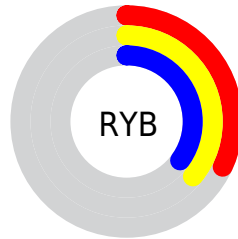
# Distribution



Red (34%)

Green (36%)

Blue (32%)



Red (32%)

Yellow (36%)

Blue (35%)

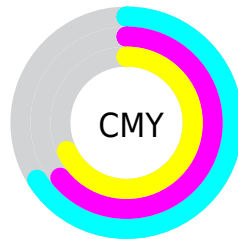


Cyan (7%)

Magenta (0%)

Yellow (11%)

Black (64%)



Cyan (66%)

Magenta (64%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 565C52 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 565C52 by changing the saturation by 10% instead.





565C52



565C52

FFFFFF



3F443B



888E83



292E25



A2A99D



151A11



BDC4B8



000000



D9E0D4



F5FCF0



565C52



565C52



505C49



5C5C5B



4B5C40



615C64

■ 455C36

■ 675C6E

■ 405C2D

■ 6C5C77

■ 3A5C24

■ 725C80

■ 355C1B

■ 775C89

■ 2F5C12

■ 7D5C92

■ 2A5C08

■ 825C9C

■ 255C00

■ 885CA5

# Harmonies

## Analogous

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



5C5A50



565C52



505D57

# Triad

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



565C52



515C64



665658

# Complementary

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



565C52



58525C

# 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.



63575E



565C52



575A65

# Square

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



565C52



4D5D61



5E5862



655753

# Rectangle

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



565C52



4E5D5A



5E5862



65565A



# Sweetspot

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



565C52



767874



5C5852



3C3D3B



BDBDBD



3D3D3D



# Same Dimension

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



565C52



6F7868



525C53



2B2E29



2C6E00



5FED00



# Inverse Universe

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



58525C



726878



5C525B



2C292E



42006E



8E00ED



# Previews

## White Background



This preview shows how the Hex color 565C52 looks on a white background.

## Color Contrast Check

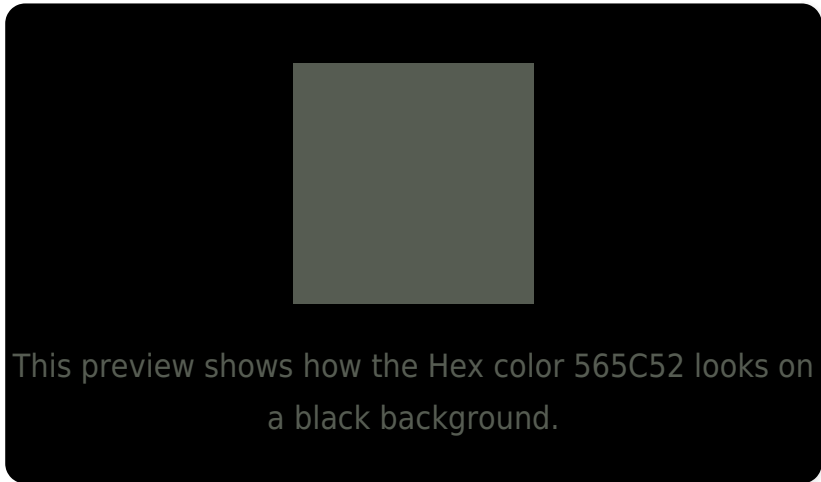
Large Text (above 18pt) WCAG AA ✓ Pass

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

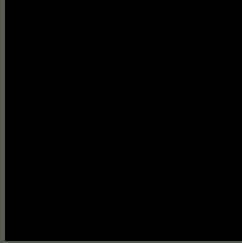
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

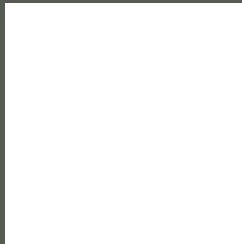
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 565C52 Background



This preview shows how black text looks on a background with the Hex color 565C52.



This preview shows how white text looks on a background with the Hex color 565C52.

# 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**  
565C52

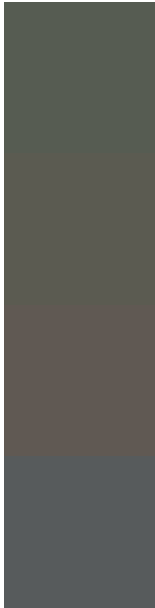
**Protanopia**  
5E5A51

**Deuteranopia**  
655753



**Tritanopia**  
585A61

# Trichromacy



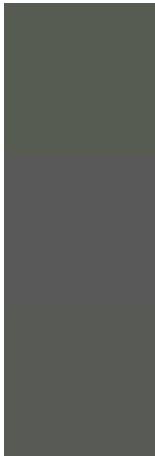
**Original Color**  
565C52

**Protanomaly**  
5B5B51

**Deuteranomaly**  
605953

**Tritanomaly**  
575B5C

# Monochromacy



**Original Color**  
565C52

**Achromatopsia**  
595959

**Achromatomaly**  
585A56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 565C52 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 #565C52 looks like.

```
.text, #text, p{  
    color:#565C52  
}
```

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 #565C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565C52
}
```

## Border

The CSS property to change the border of an element to Hex 565C52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

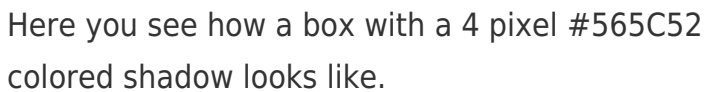
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#565C52 }
```

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

```
.border{ border-color:#565C52 }
```

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



Here you see how a box with a 4 pixel #565C52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565C52; -webkit-box-shadow:4px 4px  
4px 4px #565C52; box-shadow:4px 4px 4px  
4px #565C52 }
```

# Background

The CSS property to change the background color of an element to Hex 565C52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565C52 }
```

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

```
.background{ background-color:#565C52 }
```

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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