

Converting Colors

Hex(565742)

Have a look what the booklet for
Hex(565742) contains.

Hex(565742)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(565742)

Conversions

Conversions Part 1

Format	Color
Hex	565742
RGB	86, 87, 66
RGB Percent	34%, 34%, 26%
CMY	0.6627, 0.6588, 0.7412
CMYK	0.01, 0.00, 0.24, 0.66
HSL	63°, 14%, 30%
HSV	63°, 24%, 34%
XYZ	8.2293, 9.1882, 6.4940
YIQ	84.3070, 6.1450, -6.7430

Conversions

Conversions Part 2

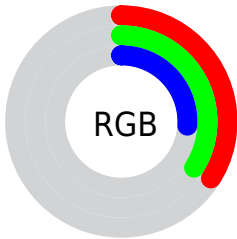
Format	Color
RYB	66, 87, 67
Decimal	5658434
CIELab	36.34, -4.42, 12.11
CIELCh	36, 12.890, 110.075
Yxy	9.1882, 0.3442, 0.3843
Android (android.graphics.Color)	4283848514 (0xFF565742)
YUV	84.3070, -9.0254, 1.4848
Hunter-Lab	30.3120, -4.5855, 8.5162

Details

The Hex color **565742** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **434257**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **888972**, and **282A17** is the 20% darker color. If you saturate the color by 10%, you get **565739**, and if you desaturate by 10%, it is **56574B**.

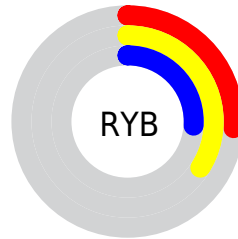
Distribution



Red (34%)

Green (34%)

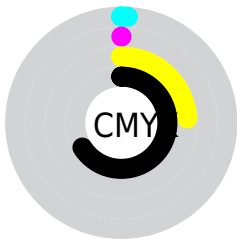
Blue (26%)



Red (26%)

Yellow (34%)

Blue (26%)

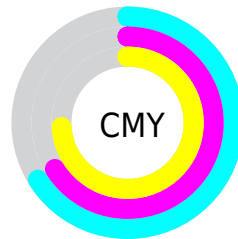


Cyan (1%)

Magenta (0%)

Yellow (24%)

Black (66%)



Cyan (66%)

Magenta (66%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 565742 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 565742 by changing the saturation by 10% instead.



565742



565742

FFFFFF



3F402C



888972



282A17



A2A38C



151500



BDBEA6



000000



D9DAC1



F6F6DD



FFFFFFA



565742



565742



565739



56574B

■ 555731

■ 575753

■ 555728

■ 57575C

■ 54571F

■ 585765

■ 545716

■ 58576E

■ 54570E

■ 585776

■ 535705

■ 59577F

■ 535700

■ 595788

■ 5A5790

Harmonies

Analogous

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



615441



565742



4A5A48

Triad

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



565742



3B5A65



684E59

Complementary

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



565742



434257

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.



605163



565742



45576A

Square

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



565742



395B5C



535469



6B4E4F

Rectangle

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



565742



435B4E



535469



664F5D

Sweetspot

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



565742



707068



574342



383834



B8B8B8



383838

Same Dimension

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



565742



6F7050



4C5742



2B2B27



666B00



DFEB00

Inverse Universe

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



434257



515070



4D4257



27272B



05006B



0B00EB

Previews

White Background



This preview shows how the Hex color 565742 looks on a white background.

Color Contrast Check

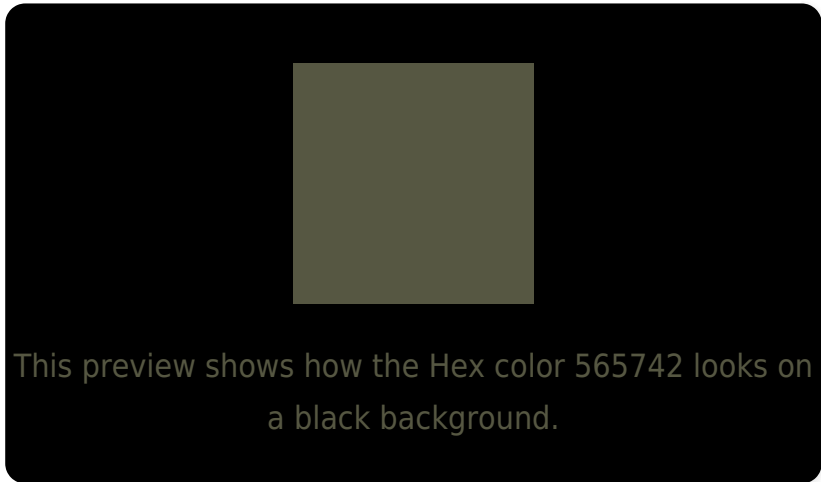
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

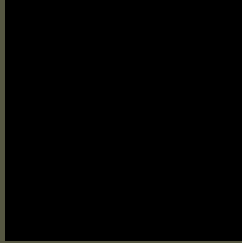
Any Text WCAG AA × Fail

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 565742 Background



This preview shows how black text looks on a background with the Hex color 565742.

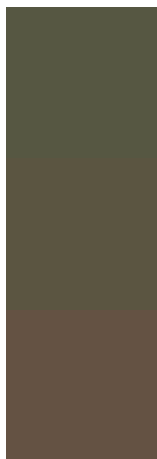


This preview shows how white text looks on a background with the Hex color 565742.

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
565742

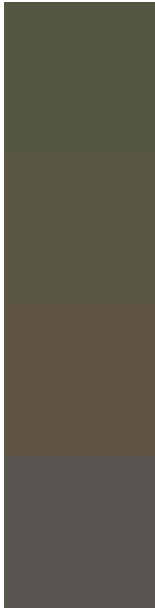
Protanopia
5B5541

Deuteranopia
645243



Tritanopia
59545A

Trichromacy



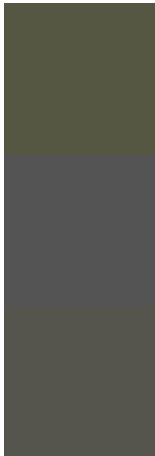
Original Color
565742

Protanomaly
595641

Deuteranomaly
5F5443

Tritanomaly
585551

Monochromacy



Original Color
565742

Achromatopsia
545454

Achromatomaly
55554D

CSS Examples

Text

The CSS property to change the color of the text to Hex 565742 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 #565742 looks like.

```
.text, #text, p{  
    color:#565742  
}
```

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 #565742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565742
}
```

Border

The CSS property to change the border of an element to Hex 565742 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
#565742 }
```

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

```
.border{ border-color:#565742 }
```

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

Here you see how a box with a 4 pixel #565742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565742; -webkit-box-shadow:4px 4px  
4px 4px #565742; box-shadow:4px 4px 4px  
4px #565742 }
```

Background

The CSS property to change the background color of an element to Hex 565742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565742 }
```

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

```
.background{ background-color:#565742 }
```

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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