

Converting Colors

Hex(565846)

Have a look what the booklet for
Hex(565846) contains.

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Color

Hex(565846)

Conversions

Conversions Part 1

Format	Color
Hex	565846
RGB	86, 88, 70
RGB Percent	34%, 35%, 27%
CMY	0.6627, 0.6549, 0.7255
CMYK	0.02, 0.00, 0.20, 0.65
HSL	67°, 11%, 31%
HSV	67°, 20%, 35%
XYZ	8.4330, 9.4001, 7.1643
YIQ	85.3500, 4.5860, -6.0220

Conversions

Conversions Part 2

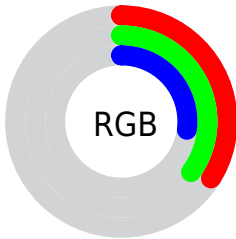
Format	Color
R_YB	70, 88, 72
Decimal	5658694
CIE Lab	36.74, -4.34, 10.19
CIE LCh	37, 11.079, 113.041
Yxy	9.4001, 0.3374, 0.3760
Android (android.graphics.Color)	4283848774 (0xFF565846)
YUV	85.3500, -7.5676, 0.5700
Hunter-Lab	30.6595, -4.5574, 7.6073

Details

The Hex color **565846** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **484658**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **888A76**, and **292B1B** is the 20% darker color. If you saturate the color by 10%, you get **55583D**, and if you desaturate by 10%, it is **57584F**.

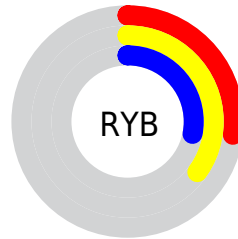
Distribution



Red (34%)

Green (35%)

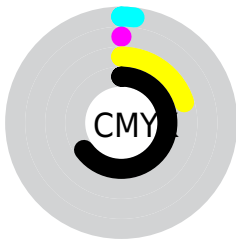
Blue (27%)



Red (27%)

Yellow (35%)

Blue (28%)

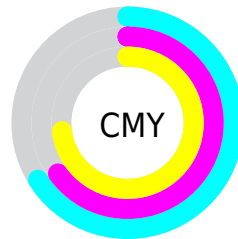


Cyan (2%)

Magenta (0%)

Yellow (20%)

Black (65%)



Cyan (66%)

Magenta (65%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 565846 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 565846 by changing the saturation by 10% instead.



565846



565846

FFFFFF



3F4130



888A76



292B1B



A2A490



151600



BDBFAB



000000



D9DBC6



F6F8E2

FFFFFFE



565846



565846



55583D



57584F

■ 545834

■ 585858

■ 53582C

■ 595860

■ 525823

■ 5A5869

■ 51581A

■ 5B5872

■ 505811

■ 5C587B

■ 4F5808

■ 5D5884

■ 4E5800

■ 5E588C

■ 5F5895

Harmonies

Analogous

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



5F5545



565846



4C5A4C

Triad

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



565846



415A64



675059

Complementary

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



565846



484658

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.



605261



565846



4A5868

Square

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



565846



3F5B5D



555567



695150

Rectangle

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



565846



465B51



555567



65515C

Sweetspot

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



565846



72736C



584846



3A3B37



BABABA



3B3B3B

Same Dimension

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



565846



707356



4D5846



2B2B27



5F6B00



D1EB00

Inverse Universe

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



484658



595673



514658



27272B



0C006B



1A00EB

Previews

White Background



This preview shows how the Hex color 565846 looks on a white background.

Color Contrast Check

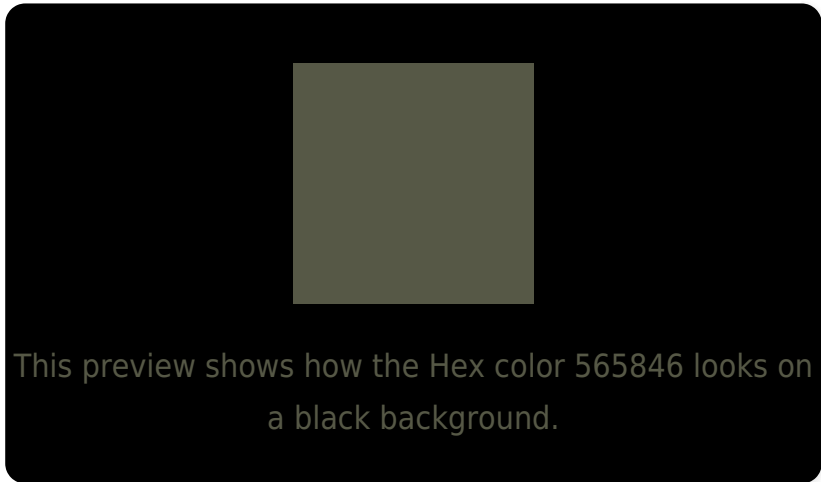
Large Text (above 18pt) WCAG AA ✓ Pass

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

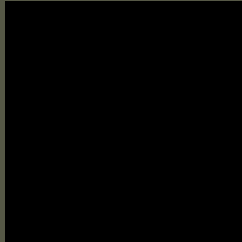
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

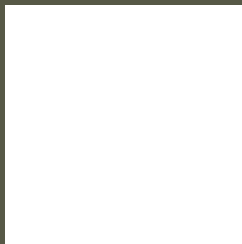
Any Text WCAG AAA × Fail

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

Hex 565846 Background



This preview shows how black text looks on a background with the Hex color 565846.



This preview shows how white text looks on a background with the Hex color 565846.

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


565846

Protanopia

5C5645

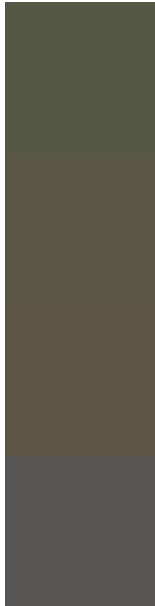
Deuteranopia

645347



Tritanopia
59555C

Trichromacy



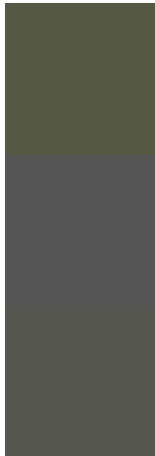
Original Color
565846

Protanomaly
5A5745

Deuteranomaly
5F5547

Tritanomaly
585654

Monochromacy



Original Color
565846

Achromatopsia
555555

Achromatomaly
555650

CSS Examples

Text

The CSS property to change the color of the text to Hex 565846 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 #565846 looks like.

```
.text, #text, p{  
    color:#565846  
}
```

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 #565846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565846
}
```

Border

The CSS property to change the border of an element to Hex 565846 is called "border". The border property can be set on classes, ids or directly on the HTML element.

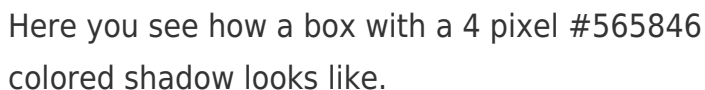
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#565846 }
```

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

```
.border{ border-color:#565846 }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color, matching the #565846 color mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #565846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565846; -webkit-box-shadow:4px 4px  
4px 4px #565846; box-shadow:4px 4px 4px  
4px #565846 }
```

Background

The CSS property to change the background color of an element to Hex 565846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565846 }
```

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

```
.background{ background-color:#565846 }
```

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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