

Converting Colors

Hex(565737)

Have a look what the booklet for
Hex(565737) contains.

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Color

Hex(565737)

Conversions

Conversions Part 1

Format	Color
Hex	565737
RGB	86, 87, 55
RGB Percent	34%, 34%, 22%
CMY	0.6627, 0.6588, 0.7843
CMYK	0.01, 0.00, 0.37, 0.66
HSL	62°, 23%, 28%
HSV	62°, 37%, 34%
XYZ	7.9355, 9.0707, 4.9470
YIQ	83.0530, 9.6760, -10.1640

Conversions

Conversions Part 2

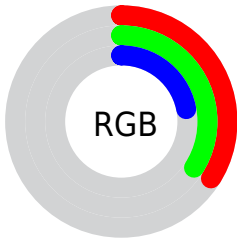
Format	Color
RYB	55, 87, 56
Decimal	5658423
CIELab	36.12, -6.12, 18.50
CIELCh	36, 19.483, 108.316
Yxy	9.0707, 0.3615, 0.4132
Android (android.graphics.Color)	4283848503 (0xFF565737)
YUV	83.0530, -13.8301, 2.5845
Hunter-Lab	30.1175, -5.6735, 11.3435

Details

The Hex color **565737** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **383757**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **888966**, and **282A0C** is the 20% darker color. If you saturate the color by 10%, you get **56572E**, and if you desaturate by 10%, it is **565740**.

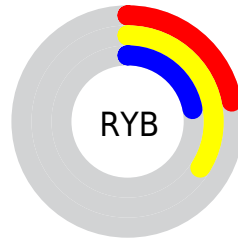
Distribution



Red (34%)

Green (34%)

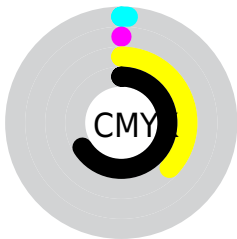
Blue (22%)



Red (22%)

Yellow (34%)

Blue (22%)

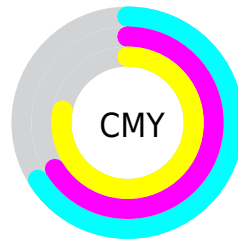


Cyan (1%)

Magenta (0%)

Yellow (37%)

Black (66%)



Cyan (66%)

Magenta (66%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 565737 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 565737 by changing the saturation by 10% instead.

■ 565737

■ 565737

FFFFFF

■ 3E4021

■ 888966

■ 282A0C

■ A3A37F

■ 111600

■ BEBE99

■ 000000

■ DADAB4

■ F7F6D0

■ FFFFE0

■ 565737

■ 565737

■ 56572E

■ 565740

■ 555726

■ 575748

■ 55571D

■ 575751

■ 555714

■ 57575A

■ 55570C

■ 575763

■ 545703

■ 58576B

■ 545700

■ 585774

■ 58577D

■ 585785

Harmonies

Analogous

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



655237



565737



445B40

Triad

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



565737



235C6C



704A5C

Complementary

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



565737



383757

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.



634E6A



565737



375873

Square

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



565737



235D5E



4E5372



744A4C

Rectangle

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



565737



385D49



4E5372



6C4B61

Sweetspot

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



565737



707064



573837



383831



B8B8B8



383838

Same Dimension

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



565737



6F703F



465737



2B2B27



686B00



E3EB00

Inverse Universe

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



383757



403F70



483757



27272B



03006B



0700EB

Previews

White Background



This preview shows how the Hex color 565737 looks on a white background.

Color Contrast Check

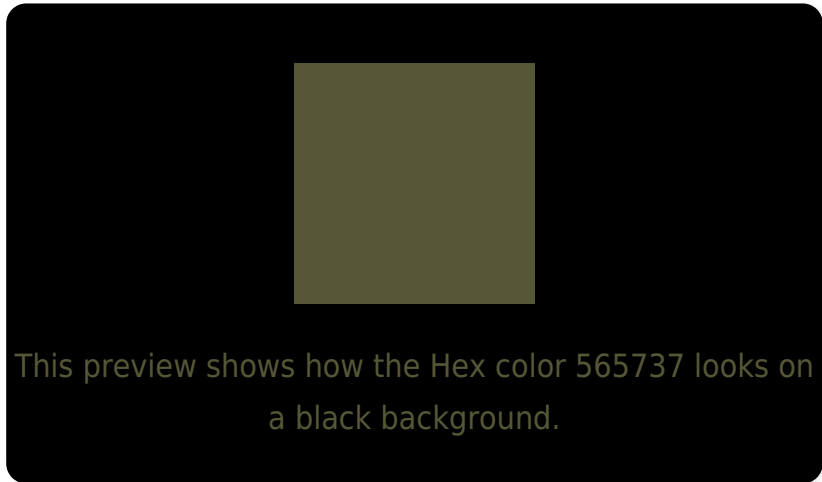
Large Text (above 18pt) WCAG AA ✓ Pass

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

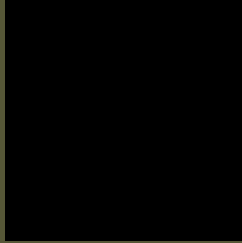
Any Text WCAG AA × Fail

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 565737 Background



This preview shows how black text looks on a background with the Hex color 565737.

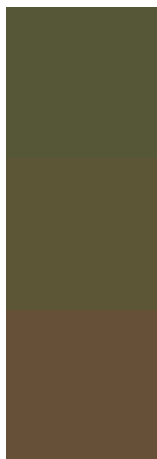


This preview shows how white text looks on a background with the Hex color 565737.

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
565737

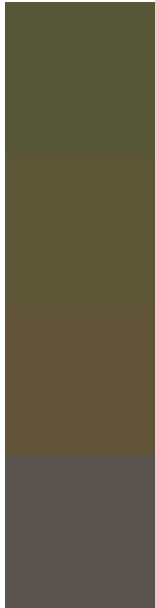
Protanopia
5C5536

Deuteranopia
665138



Tritanopia
5A5359

Trichromacy



Original Color
565737

Protanomaly
5A5636

Deuteranomaly
605338

Tritanomaly
59544D

Monochromacy



Original Color
565737

Achromatopsia
535353

Achromatomaly
545449

CSS Examples

Text

The CSS property to change the color of the text to Hex 565737 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 #565737 looks like.

```
.text, #text, p{  
    color:#565737  
}
```

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 #565737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565737
}
```

Border

The CSS property to change the border of an element to Hex 565737 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".

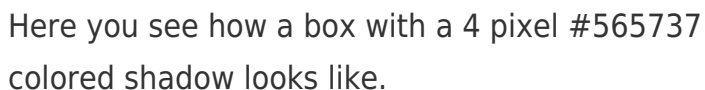
```
.border, #border, table{ border:4px solid
#565737 }
```

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

```
.border{ border-color:#565737 }
```

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

Here you see how a box with a 4 pixel #565737 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565737; -webkit-box-shadow:4px 4px  
4px 4px #565737; box-shadow:4px 4px 4px  
4px #565737 }
```

Background

The CSS property to change the background color of an element to Hex 565737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565737 }
```

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

```
.background{ background-color:#565737 }
```

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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