

Converting Colors

Hex(567856)

Have a look what the booklet for
Hex(567856) contains.

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Color

Hex(567856)

Conversions

Conversions Part 1

Format	Color
Hex	567856
RGB	86, 120, 86
RGB Percent	34%, 47%, 34%
CMY	0.6627, 0.5294, 0.6627
CMYK	0.28, 0.00, 0.28, 0.53
HSL	120°, 17%, 40%
HSV	120°, 28%, 47%
XYZ	12.2339, 16.0833, 11.2637
YIQ	105.9580, -9.3500, -17.7820

Conversions

Conversions Part 2

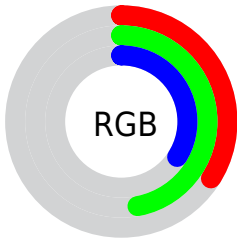
Format	Color
RYB	86, 120, 120
Decimal	5666902
CIELab	47.08, -19.46, 14.88
CIElCh	47, 24.496, 142.600
Yxy	16.0833, 0.3091, 0.4063
Android (android.graphics.Color)	4283856982 (0xFF567856)
YUV	105.9580, -9.8393, -17.5032
Hunter-Lab	40.1039, -15.7295, 11.4204

Details

The Hex color **567856** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **785678**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **89AC88**, and **274728** is the 20% darker color. If you saturate the color by 10%, you get **4A784A**, and if you desaturate by 10%, it is **627862**.

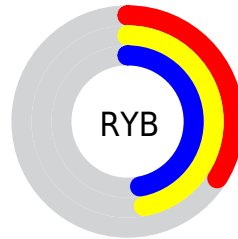
Distribution



Red (34%)

Green (47%)

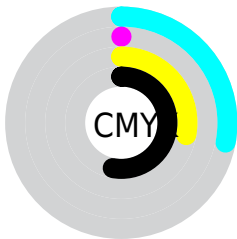
Blue (34%)



Red (34%)

Yellow (47%)

Blue (47%)

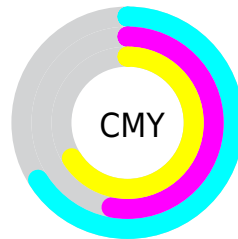


Cyan (28%)

Magenta (0%)

Yellow (28%)

Black (53%)



Cyan (66%)

Magenta (53%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 567856 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 567856 by changing the saturation by 10% instead.



567856



567856

FFFFFF



3E5F3F



89AC88



274728



A3C8A2



103114



BEE4BD



001D00



DAFFD9



000000



F7FFF6



567856



567856



4A784A



627862



3E783E



6E786E

 327832

 7A787A

 267826

 867886

 1A781A

 927892

 0E780E

 9E789E

 027802

 AA78AA

 007800

 B678B6

 C278C2

Harmonies

Analogous

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



6E7349



567856



3D7B6A

Triad

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



567856



4B7398



986161

Complementary

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



567856



785678

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.



946076



567856



6B6C96

Square

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



567856



2F7890



856589



926650

Rectangle

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



567856



2E7B78



856589



986068

Sweetspot

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



567856



8E9C8E



787856



464F46



CFCFCF



4F4F4F

Same Dimension

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



567856



679C67



567867



373D37



007D00



00FC00

Inverse Universe

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



785678



9C679C



785667



3D373D



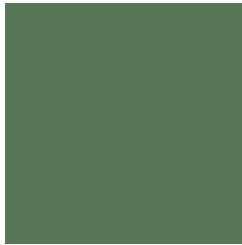
7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 567856 looks on a white background.

Color Contrast Check

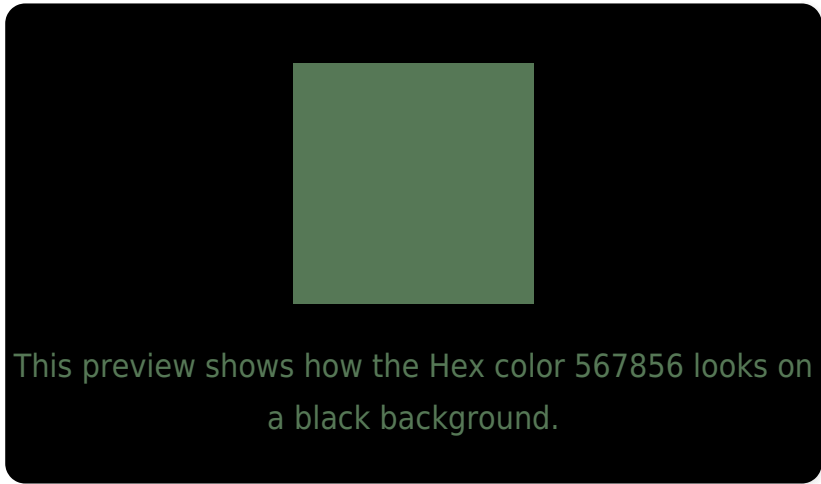
Large Text (above 18pt) WCAG AA ✓ Pass

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

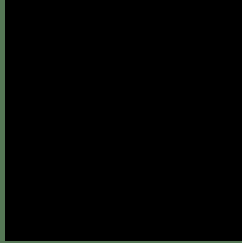
Any Text WCAG AA × Fail

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 567856 Background



This preview shows how black text looks on a background with the Hex color 567856.




This preview shows how white text looks on a background with the Hex color 567856.

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





Tritanopia
5D737C

Trichromacy



Original Color
567856

Protanomaly
6B7253

Deuteranomaly
727058

Tritanomaly
5A756E

Monochromacy



Original Color
567856

Achromatopsia
6A6A6A

Achromatomaly
636F63

CSS Examples

Text

The CSS property to change the color of the text to Hex 567856 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 #567856 looks like.

```
.text, #text, p{  
    color:#567856  
}
```

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 #567856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567856
}
```

Border

The CSS property to change the border of an element to Hex 567856 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
#567856 }
```

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

```
.border{ border-color:#567856 }
```

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

Here you see how a box with a 4 pixel #567856 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567856; -webkit-box-shadow:4px 4px  
4px 4px #567856; box-shadow:4px 4px 4px  
4px #567856 }
```

Background

The CSS property to change the background color of an element to Hex 567856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567856 }
```

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

```
.background{ background-color:#567856 }
```

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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