

Converting Colors

Hex(586356)

Have a look what the booklet for
Hex(586356) contains.

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Color

Hex(586356)

Conversions

Conversions Part 1

Format	Color
Hex	586356
RGB	88, 99, 86
RGB Percent	35%, 39%, 34%
CMY	0.6549, 0.6118, 0.6627
CMYK	0.11, 0.00, 0.13, 0.61
HSL	111°, 7%, 36%
HSV	111°, 13%, 39%
XYZ	10.1661, 11.6703, 10.5209
YIQ	94.2290, -2.3830, -6.3750

Conversions

Conversions Part 2

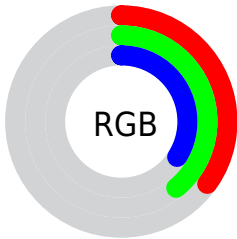
Format	Color
R_{YB}	86, 99, 97
Decimal	5792598
CIE _{Lab}	40.69, -7.00, 5.96
CIE _{LCh}	41, 9.194, 139.581
Yxy	11.6703, 0.3142, 0.3607
Android (android.graphics.Color)	4283982678 (0xFF586356)
YUV	94.2290, -4.0569, -5.4628
Hunter-Lab	34.1618, -6.6641, 5.6536

Details

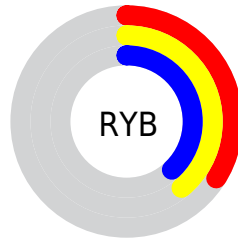
The Hex color **586356** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **615663**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8A9688**, and **2B3529** is the 20% darker color. If you saturate the color by 10%, you get **50634C**, and if you desaturate by 10%, it is **606360**.

Distribution



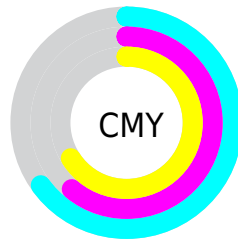
- Red (35%)
- Green (39%)
- Blue (34%)



- Red (34%)
- Yellow (39%)
- Blue (38%)



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (61%)



- Cyan (65%)
- Magenta (61%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586356 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 586356 by changing the saturation by 10% instead.

 586356

 586356

FFFFFF

 414B3F

 8A9688

 2B3529

 A4B0A2

 161F15

 BFCCBD

 000500

 DBE8D9

 000000

 F8FFF5

 586356

 586356

 50634C

 606360

 476342

 69636A

■ 3F6338

■ 716374

■ 36632E

■ 7A637E

■ 2E6325

■ 826388

■ 26631B

■ 8A6391

■ 1D6311

■ 93639B

■ 156307

■ 9B63A5

■ 0F6300

■ A363AF

Harmonies

Analogous

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



616152



586356



51645D

Triad

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



586356



55616E



705B5B

Complementary

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



586356



615663

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.



6E5B63



586356



5E5F6E

Square

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



586356



4E636B



675C6A



6E5C55

Rectangle

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



586356



4D6462



675C6A



705B5E

Sweetspot

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



586356



7B807A



636156



3D403D



BFBFBF



404040

Same Dimension

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



586356



6E806B



56635A



2C302C



117000



25F000

Inverse Universe

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



615663



7C6B80



63565F



302C30



5F0070



CB00F0

Previews

White Background



This preview shows how the Hex color 586356 looks on a white background.

Color Contrast Check

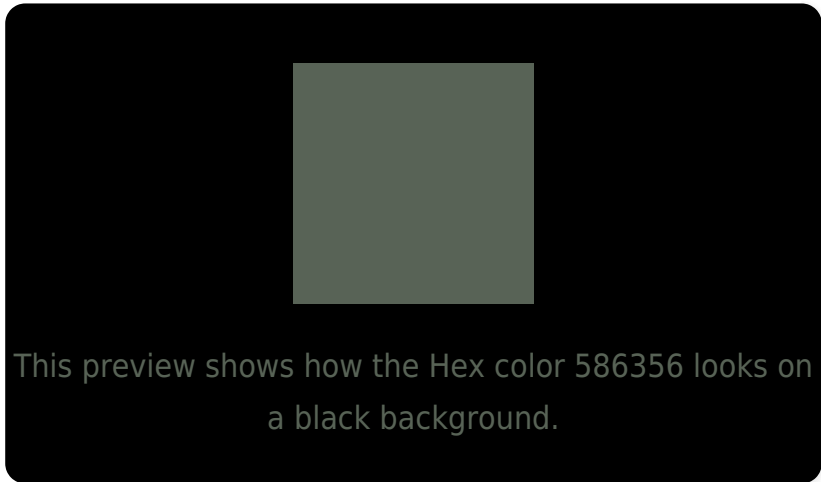
Large Text (above 18pt) WCAG AA ✓ Pass

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

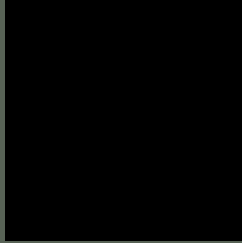
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

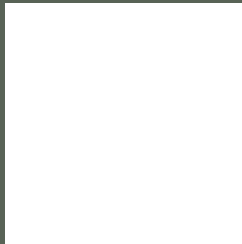
Any Text WCAG AAA × Fail

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

Hex 586356 Background



This preview shows how black text looks on a background with the Hex color 586356.

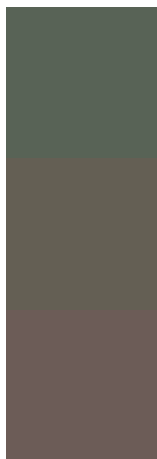


This preview shows how white text looks on a background with the Hex color 586356.

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
586356

Protanopia
645F54

Deuteranopia
6C5C57



Tritanopia
5B6068

Trichromacy



Original Color

586356

Protanomaly

606055

Deuteranomaly

655F57

Tritanomaly

5A6161

Monochromacy



Original Color

586356

Achromatopsia

5E5E5E

Achromatomaly

5C605B

CSS Examples

Text

The CSS property to change the color of the text to Hex 586356 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 #586356 looks like.

```
.text, #text, p{  
    color:#586356  
}
```

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 #586356 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586356
}
```

Border

The CSS property to change the border of an element to Hex 586356 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
#586356 }
```

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

```
.border{ border-color:#586356 }
```

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

Here you see how a box with a 4 pixel #586356 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586356; -webkit-box-shadow:4px 4px  
4px 4px #586356; box-shadow:4px 4px 4px  
4px #586356 }
```

Background

The CSS property to change the background color of an element to Hex 586356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586356 }
```

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

```
.background{ background-color:#586356 }
```

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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