

Converting Colors

Hex(586B38)

Have a look what the booklet for
Hex(586B38) contains.

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Color

Hex(586B38)

Conversions

Conversions Part 1

Format	Color
Hex	586B38
RGB	88, 107, 56
RGB Percent	35%, 42%, 22%
CMY	0.6549, 0.5804, 0.7804
CMYK	0.18, 0.00, 0.48, 0.58
HSL	82°, 31%, 32%
HSV	82°, 48%, 42%
XYZ	9.9960, 12.8756, 5.6998
YIQ	95.5050, 5.0470, -19.8890

Conversions

Conversions Part 2

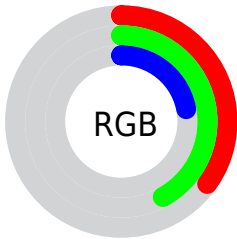
Format	Color
RYB	56, 107, 75
Decimal	5794616
CIELab	42.58, -16.47, 26.18
CIELCh	43, 30.925, 122.176
Yxy	12.8756, 0.3499, 0.4506
Android (android.graphics.Color)	4283984696 (0xFF586B38)
YUV	95.5050, -19.4760, -6.5819
Hunter-Lab	35.8826, -13.0689, 15.6999

Details

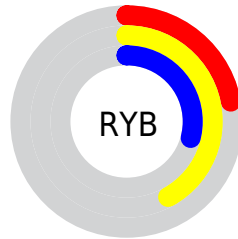
The Hex color **586B38** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B386B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8B9E68**, and **293C0B** is the 20% darker color. If you saturate the color by 10%, you get **546B2D**, and if you desaturate by 10%, it is **5C6B43**.

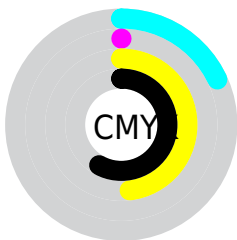
Distribution



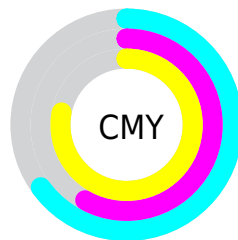
- Red (35%)
- Green (42%)
- Blue (22%)



- Red (22%)
- Yellow (42%)
- Blue (29%)



- Cyan (18%)
- Magenta (0%)
- Yellow (48%)
- Black (58%)



- Cyan (65%)
- Magenta (58%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586B38 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 586B38 by changing the saturation by 10% instead.



586B38



586B38

FFFFFF



405321



8B9E68



293C0B



A6B981



142600



C1D59C



001000



DDF1B7



000000



FAFFD3



FFFFEF



586B38



586B38



546B2D



5C6B43

■ 506B23

■ 606B4D

■ 4C6B18

■ 646B58

■ 486B0D

■ 686B63

■ 446B03

■ 6C6B6E

■ 436B00

■ 706B78

■ 746B83

■ 786B8E

■ 7C6B98

Harmonies

Analogous

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



726430



586B38



38704C

Triad

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



586B38



006D91



945064

Complementary

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



586B38



4B386B

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.



86547D



586B38



3E6697

Square

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



586B38



00717F



695D90



94534B

Rectangle

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



586B38



19715D



695D90



91506C

Sweetspot

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



586B38



858C79



6B4B38



43473B



C7C7C7



474747

Same Dimension

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



586B38



6E8C3C



3F6B38



343630



4A7500



9AF500

Inverse Universe

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



4B386B



5A3C8C



64386B



323036



2C0075



5B00F5

Previews

White Background



This preview shows how the Hex color 586B38 looks on a white background.

Color Contrast Check

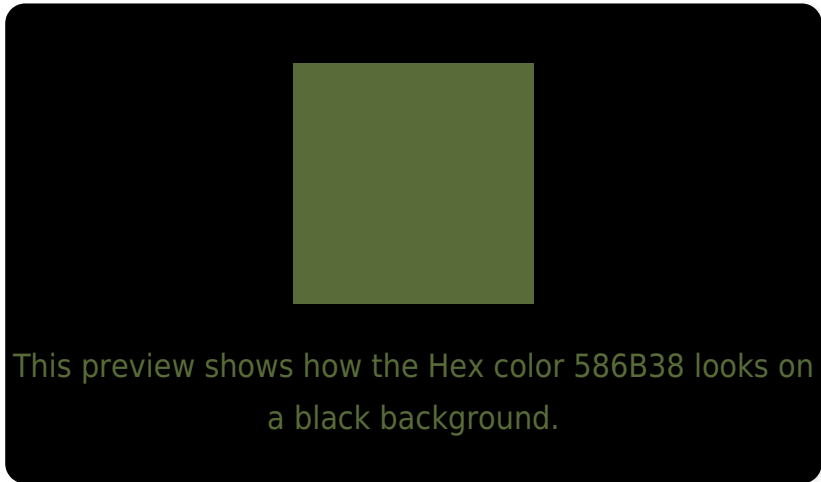
Large Text (above 18pt) WCAG AA ✓ Pass

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

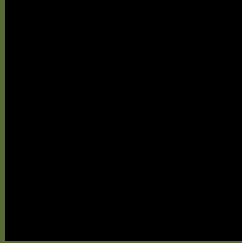
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

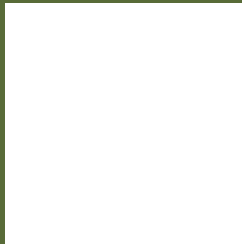
Any Text WCAG AAA × Fail

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

Hex 586B38 Background



This preview shows how black text looks on a background with the Hex color 586B38.



This preview shows how white text looks on a background with the Hex color 586B38.

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
586B38

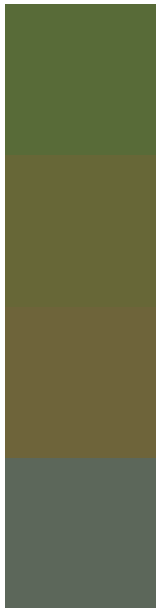
Protanopia
6F6436

Deuteranopia
7A603B



Tritanopia
5F656D

Trichromacy



Original Color
586B38

Protanomaly
676737

Deuteranomaly
6E643A

Tritanomaly
5C675A

Monochromacy



Original Color
586B38

Achromatopsia
606060

Achromatomaly
5D6451

CSS Examples

Text

The CSS property to change the color of the text to Hex 586B38 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 #586B38 looks like.

```
.text, #text, p{  
    color:#586B38  
}
```

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 #586B38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586B38
}
```

Border

The CSS property to change the border of an element to Hex 586B38 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
#586B38 }
```

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

```
.border{ border-color:#586B38 }
```

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

Here you see how a box with a 4 pixel #586B38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586B38; -webkit-box-shadow:4px 4px  
4px 4px #586B38; box-shadow:4px 4px 4px  
4px #586B38 }
```

Background

The CSS property to change the background color of an element to Hex 586B38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586B38 }
```

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

```
.background{ background-color:#586B38 }
```

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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