

Converting Colors

Hex(586828)

Have a look what the booklet for
Hex(586828) contains.

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Color

Hex(586828)

Conversions

Conversions Part 1

Format	Color
Hex	586828
RGB	88, 104, 40
RGB Percent	35%, 41%, 16%
CMY	0.6549, 0.5922, 0.8431
CMYK	0.15, 0.00, 0.62, 0.59
HSL	75°, 44%, 28%
HSV	75°, 62%, 41%
XYZ	9.3578, 12.1285, 3.8553
YIQ	91.9200, 11.0080, -23.2960

Conversions

Conversions Part 2

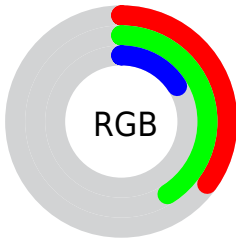
Format	Color
RYB	40, 104, 56
Decimal	5793832
CIELab	41.42, -16.62, 33.32
CIELCh	41, 37.240, 116.508
Yxy	12.1285, 0.3693, 0.4786
Android (android.graphics.Color)	4283983912 (0xFF586828)
YUV	91.9200, -25.5966, -3.4378
Hunter-Lab	34.8260, -12.9823, 17.8147

Details

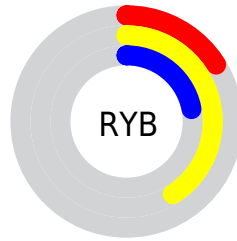
The Hex color **586828** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **382868**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8C9B58**, and **293900** is the 20% darker color. If you saturate the color by 10%, you get **55681E**, and if you desaturate by 10%, it is **5B6832**.

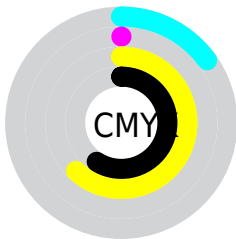
Distribution



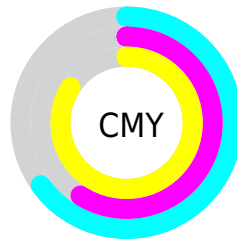
- Red (35%)
- Green (41%)
- Blue (16%)



- Red (16%)
- Yellow (41%)
- Blue (22%)



- Cyan (15%)
- Magenta (0%)
- Yellow (62%)
- Black (59%)



- Cyan (65%)
- Magenta (59%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586828 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 586828 by changing the saturation by 10% instead.



586828



586828

FFFFFF



3F5010



8C9B58



293900



A6B671



112300



C2D28B



000A00



DEEEA6



000000



FBFFC1



FFFFDD



FFFFFFA



586828



586828

■ 55681E

■ 5B6832

■ 536813

■ 5D683D

■ 506809

■ 606847

■ 4E6800

■ 626852

■ 65685C

■ 686866

■ 6A6871

■ 6D687B

■ 6F6886

Harmonies

Analogous

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



765F22



586828



316E3F

Triad

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



586828



006D94



974767

Complementary

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



586828



382868

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.



844F84



586828



11669F

Square

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



586828



00717C



5D5B99



9A4948

Rectangle

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



586828



007052



5D5B99



934971

Sweetspot

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



586828



81876F



683828



414536



C4C4C4



454545

Same Dimension

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



586828



6E8723



386828



32332E



567300



B6F200

Inverse Universe

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



382868



3C2387



582868



2F2E33



1D0073



3D00F2

Previews

White Background



This preview shows how the Hex color 586828 looks on a white background.

Color Contrast Check

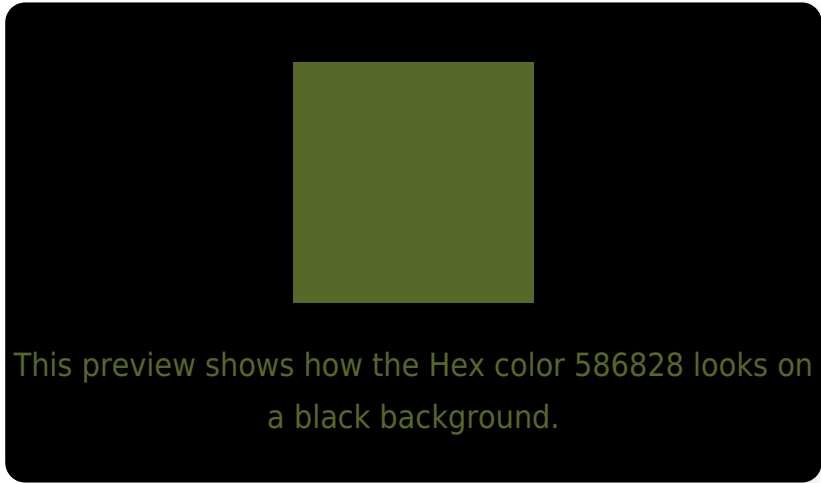
Large Text (above 18pt) WCAG AA ✓ Pass

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

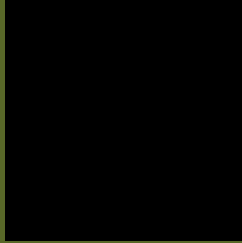
Any Text WCAG AA × Fail

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 586828 Background



This preview shows how black text looks on a background with the Hex color 586828.



This preview shows how white text looks on a background with the Hex color 586828.

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
586828

Protanopia
6D6226

Deuteranopia
795D2B



Tritanopia
5F6169

Trichromacy



Original Color
586828

Protanomaly
656427

Deuteranomaly
6D612A

Tritanomaly
5C6451

Monochromacy



Original Color
586828

Achromatopsia
5C5C5C

Achromatomaly
5B6049

CSS Examples

Text

The CSS property to change the color of the text to Hex 586828 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 #586828 looks like.

```
.text, #text, p{  
    color:#586828  
}
```

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 #586828 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586828
}
```

Border

The CSS property to change the border of an element to Hex 586828 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
#586828 }
```

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

```
.border{ border-color:#586828 }
```

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

Here you see how a box with a 4 pixel #586828 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586828; -webkit-box-shadow:4px 4px  
4px 4px #586828; box-shadow:4px 4px 4px  
4px #586828 }
```

Background

The CSS property to change the background color of an element to Hex 586828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586828 }
```

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

```
.background{ background-color:#586828 }
```

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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