

Converting Colors

Hex(584B2F)

Have a look what the booklet for
Hex(584B2F) contains.

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Color

Hex(584B2F)

Conversions

Conversions Part 1

Format	Color
Hex	584B2F
RGB	88, 75, 47
RGB Percent	35%, 29%, 18%
CMY	0.6549, 0.7059, 0.8157
CMYK	0.00, 0.15, 0.47, 0.65
HSL	41°, 30%, 26%
HSV	41°, 47%, 35%
XYZ	7.0537, 7.3121, 3.7289
YIQ	75.6950, 16.7360, -5.9520

Conversions

Conversions Part 2

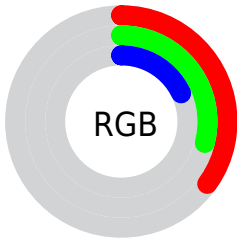
Format	Color
RYB	66, 88, 47
Decimal	5786415
CIELab	32.51, 1.04, 18.68
CIElCh	33, 18.713, 86.829
Yxy	7.3121, 0.3898, 0.4041
Android (android.graphics.Color)	4283976495 (0xFF584B2F)
YUV	75.6950, -14.1466, 10.7915
Hunter-Lab	27.0409, -0.7595, 10.7525

Details

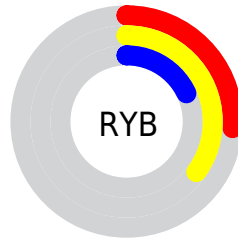
The Hex color **584B2F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2F3C58**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **8B7C5D**, and **2A1F00** is the 20% darker color. If you saturate the color by 10%, you get **584826**, and if you desaturate by 10%, it is **584E38**.

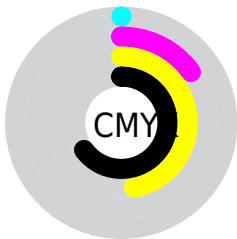
Distribution



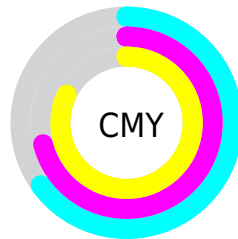
- Red (35%)
- Green (29%)
- Blue (18%)



- Red (26%)
- Yellow (35%)
- Blue (18%)



- Cyan (0%)
- Magenta (15%)
- Yellow (47%)
- Black (65%)



- Cyan (65%)
- Magenta (71%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584B2F 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 584B2F by changing the saturation by 10% instead.



584B2F



584B2F

FFFFFF



40341A



8B7C5D



2A1F00



A69576



100800



C1B090



000000



DDCBAA



FAE8C6



FFFFE2



584B2F



584B2F



584826



584E38

■ 58451D

■ 585141

■ 584315

■ 585349

■ 58400C

■ 585652

■ 583D03

■ 58595B

■ 583C00

■ 585C64

■ 585F6D

■ 586175

■ 58647E

Harmonies

Analogous

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



644634



584B2F



495032

Triad

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



584B2F



1A5459



5E445D

Complementary

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



584B2F



2F3C58

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.



4C4967



584B2F



215265

Square

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



584B2F



26544A



364E6A



68414F

Rectangle

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



584B2F



3E5238



364E6A



594661

Sweetspot

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



584B2F



736E63



582F3D



3B3731



BABABA



3B3B3B

Same Dimension

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



584B2F



735E32



51582F



2B2A27



6B4900



EBA000

Inverse Universe

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



2F3C58



324773



362F58



27282B



00226B



004AEB

Previews

White Background



This preview shows how the Hex color 584B2F looks on a white background.

Color Contrast Check

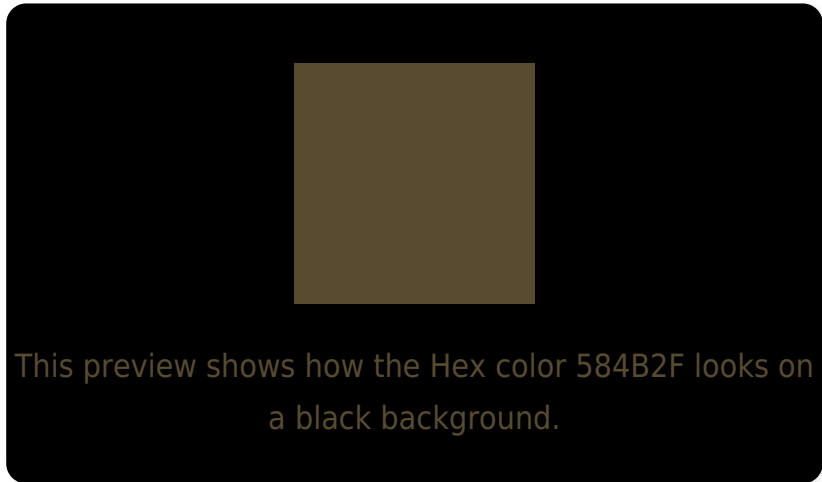
Large Text (above 18pt) WCAG AA ✓ Pass

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

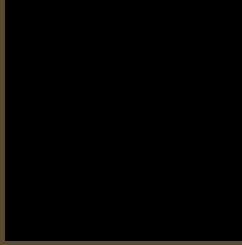
Any Text WCAG AA × Fail

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 584B2F Background



This preview shows how black text looks on a background with the Hex color 584B2F.

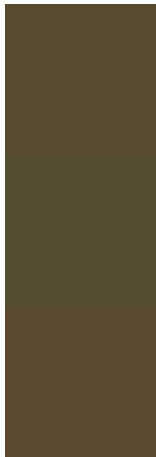


This preview shows how white text looks on a background with the Hex color 584B2F.

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
584B2F

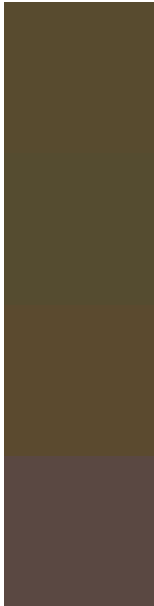
Protanopia
544D30

Deuteranopia
5D492F



Tritanopia
5B474D

Trichromacy



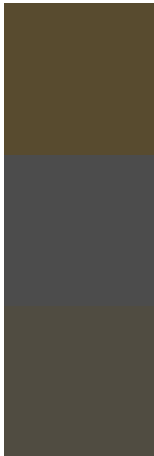
Original Color
584B2F

Protanomaly
554C30

Deuteranomaly
5B4A2F

Tritanomaly
5A4842

Monochromacy



Original Color
584B2F

Achromatopsia
4C4C4C

Achromatomaly
504C41

CSS Examples

Text

The CSS property to change the color of the text to Hex 584B2F 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 #584B2F looks like.

```
.text, #text, p{  
    color:#584B2F  
}
```

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 #584B2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584B2F
}
```

Border

The CSS property to change the border of an element to Hex 584B2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

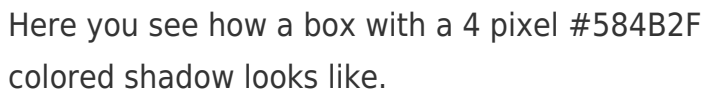
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#584B2F }
```

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

```
.border{ border-color:#584B2F }
```

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



Here you see how a box with a 4 pixel #584B2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584B2F; -webkit-box-shadow:4px 4px  
4px 4px #584B2F; box-shadow:4px 4px 4px  
4px #584B2F }
```

Background

The CSS property to change the background color of an element to Hex 584B2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584B2F }
```

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

```
.background{ background-color:#584B2F }
```

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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