

Converting Colors

Hex(584C21)

Have a look what the booklet for
Hex(584C21) contains.

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Color

Hex(584C21)

Conversions

Conversions Part 1

Format	Color
Hex	584C21
RGB	88, 76, 33
RGB Percent	35%, 30%, 13%
CMY	0.6549, 0.7020, 0.8706
CMYK	0.00, 0.14, 0.62, 0.65
HSL	47°, 45%, 24%
HSV	47°, 62%, 35%
XYZ	6.8835, 7.3534, 2.4954
YIQ	74.6860, 20.9550, -10.8290

Conversions

Conversions Part 2

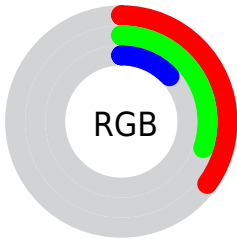
Format	Color
RYB	48, 88, 33
Decimal	5786657
CIELab	32.60, -1.06, 26.98
CIELCh	33, 27.001, 92.253
Yxy	7.3534, 0.4114, 0.4395
Android (android.graphics.Color)	4283976737 (0xFF584C21)
YUV	74.6860, -20.5512, 11.6764
Hunter-Lab	27.1171, -2.1443, 13.5260

Details

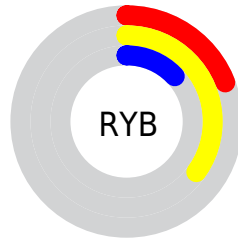
The Hex color **584C21** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **212D58**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8C7D4F**, and **292000** is the 20% darker color. If you saturate the color by 10%, you get **584A18**, and if you desaturate by 10%, it is **584E2A**.

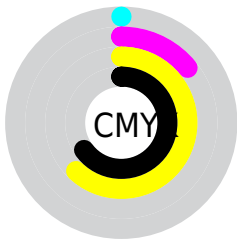
Distribution



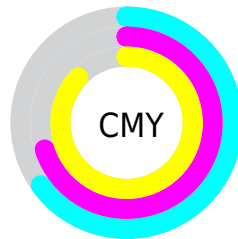
- Red (35%)
- Green (30%)
- Blue (13%)



- Red (19%)
- Yellow (35%)
- Blue (13%)



- Cyan (0%)
- Magenta (14%)
- Yellow (62%)
- Black (65%)



- Cyan (65%)
- Magenta (70%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584C21 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 584C21 by changing the saturation by 10% instead.

 584C21

 584C21

FFFFFF

 40350B

 8C7D4F

 292000

 A79667

 0C0A00

 C2B181

 000000

 DFCC9B

 FCE9B6

 FFFFD2

 FFFFEE

 584C21

 584C21

■ 584A18

■ 584E2A

■ 58480F

■ 585033

■ 584607

■ 58523B

■ 584500

■ 585444

■ 58564D

■ 585856

■ 58595F

■ 585B67

■ 585D70

Harmonies

Analogous

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



694427



584C21



425227

Triad

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



584C21



005763



683F61

Complementary

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



584C21



212D58

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.



504671



584C21



005472

Square

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



584C21



00584E



2C4E77



743B4C

Rectangle

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



584C21



315532



2C4E77



624167

Sweetspot

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



584C21



736E5D



58212E



3B382D



BABABA



3B3B3B

Same Dimension

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



584C21



73601D



495821



2B2A27



6B5400



EBB700

Inverse Universe

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



212D58



1D2F73



302158



27282B



00176B



0033EB

Previews

White Background



This preview shows how the Hex color 584C21 looks on a white background.

Color Contrast Check

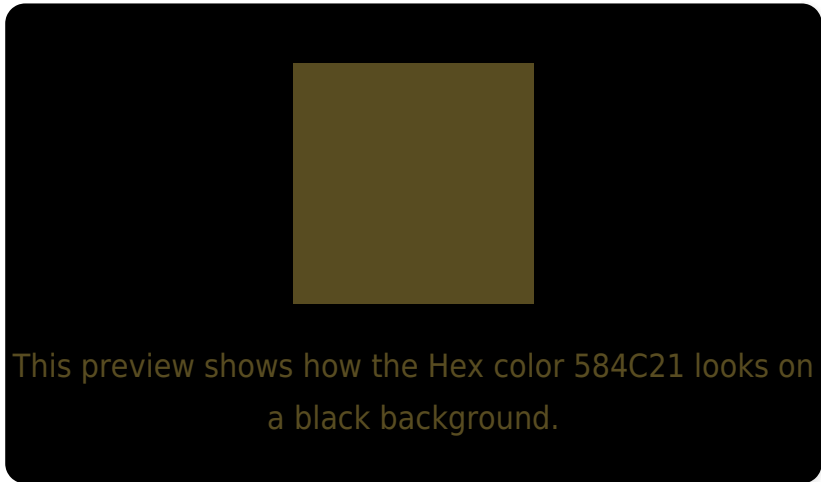
Large Text (above 18pt) WCAG AA ✓ Pass

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

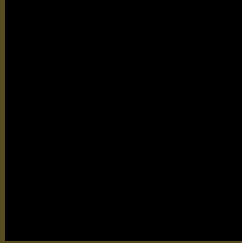
Any Text WCAG AA × Fail

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 584C21 Background



This preview shows how black text looks on a background with the Hex color 584C21.



This preview shows how white text looks on a background with the Hex color 584C21.

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
584C21

Protanopia
554D21

Deuteranopia
5F4922



Tritanopia
5C474D

Trichromacy



Original Color
584C21

Protanomaly
564D21

Deuteranomaly
5C4A22

Tritanomaly
5B493D

Monochromacy



Original Color
584C21

Achromatopsia
4B4B4B

Achromatomaly
504B3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 584C21 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 #584C21 looks like.

```
.text, #text, p{  
  color:#584C21  
}
```

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 #584C21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584C21
}
```

Border

The CSS property to change the border of an element to Hex 584C21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

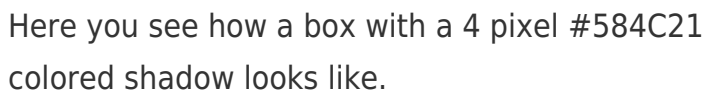
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#584C21 }
```

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

```
.border{ border-color:#584C21 }
```

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



Here you see how a box with a 4 pixel #584C21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584C21; -webkit-box-shadow:4px 4px  
4px 4px #584C21; box-shadow:4px 4px 4px  
4px #584C21 }
```

Background

The CSS property to change the background color of an element to Hex 584C21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584C21 }
```

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

```
.background{ background-color:#584C21 }
```

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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