

Converting Colors

Hex(584229)

Have a look what the booklet for
Hex(584229) contains.

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Color

Hex(584229)

Conversions

Conversions Part 1

Format	Color
Hex	584229
RGB	88, 66, 41
RGB Percent	35%, 26%, 16%
CMY	0.6549, 0.7412, 0.8392
CMYK	0.00, 0.25, 0.53, 0.65
HSL	32°, 36%, 25%
HSV	32°, 53%, 35%
XYZ	6.3730, 6.1312, 2.9454
YIQ	69.7280, 21.1370, -3.1110

Conversions

Conversions Part 2

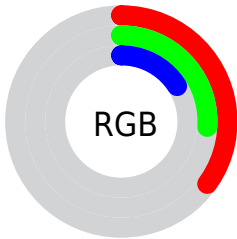
Format	Color
RYB	82, 88, 41
Decimal	5784105
CIELab	29.74, 5.97, 18.83
CIElCh	30, 19.750, 72.411
Yxy	6.1312, 0.4125, 0.3969
Android (android.graphics.Color)	4283974185 (0xFF584229)
YUV	69.7280, -14.1629, 16.0245
Hunter-Lab	24.7613, 2.6092, 10.2803

Details

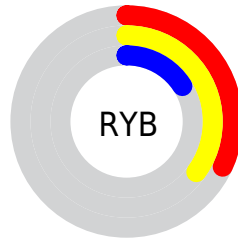
The Hex color **584229** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **293F58**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **8B7257**, and **291700** is the 20% darker color. If you saturate the color by 10%, you get **583E20**, and if you desaturate by 10%, it is **584632**.

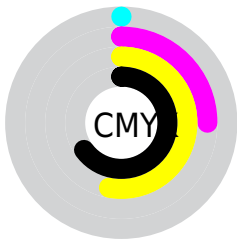
Distribution



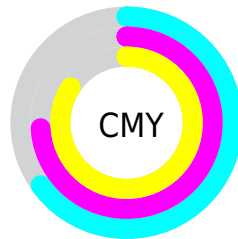
- Red (35%)
- Green (26%)
- Blue (16%)



- Red (32%)
- Yellow (35%)
- Blue (16%)



- Cyan (0%)
- Magenta (25%)
- Yellow (53%)
- Black (65%)



- Cyan (65%)
- Magenta (74%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584229 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 584229 by changing the saturation by 10% instead.

 584229

 584229

FFFFFF

 402C14

 8B7257

 291700

 A68B6F

 0C0000

 C2A689

 000000

 DEC1A3

 FBDDBE

 FFF9DA

 FFFFF7

 584229

 584229

■ 583E20

■ 584632

■ 583A17

■ 584A3B

■ 58360F

■ 584E43

■ 583206

■ 58524C

■ 582F00

■ 585755

■ 585B5E

■ 585F67

■ 58636F

■ 586778

Harmonies

Analogous

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



613D32



584229



4A4728

Triad

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



584229



114E4C



50405D

Complementary

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



584229



293F58

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.



3A4564



584229



084D5A

Square

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



584229



264E3C



204A63



5E3B50

Rectangle

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



584229



3F4A2C



204A63



494260

Sweetspot

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



584229



736A60



582940



3B3530



BABABA



3B3B3B

Same Dimension

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



584229



735029



575829



2B2927



6B3900



EB7D00

Inverse Universe

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



293F58



294C73



2A2958



27292B



00326B



006EEB

Previews

White Background



This preview shows how the Hex color 584229 looks on a white background.

Color Contrast Check

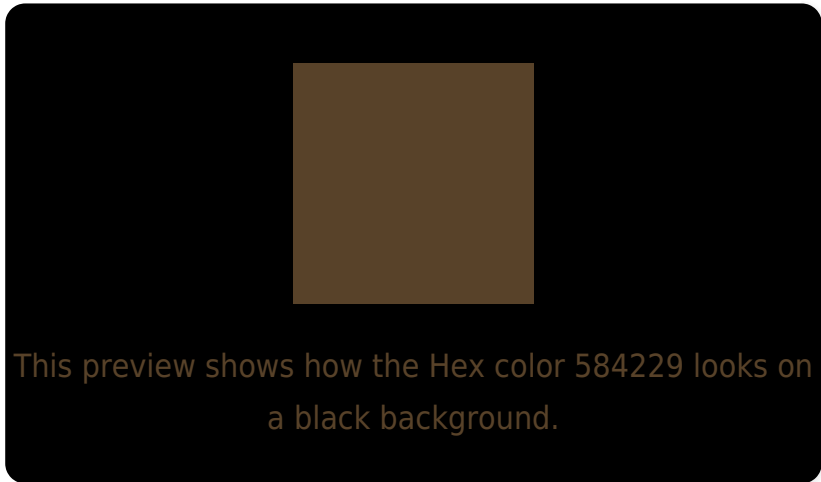
Large Text (above 18pt) WCAG AA ✓ Pass

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

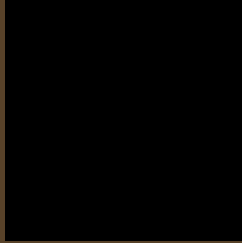
Any Text WCAG AA × Fail

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 584229 Background



This preview shows how black text looks on a background with the Hex color 584229.

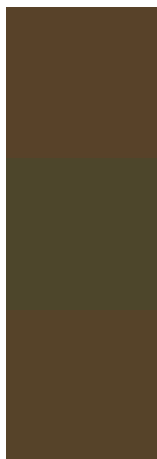


This preview shows how white text looks on a background with the Hex color 584229.

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
584229

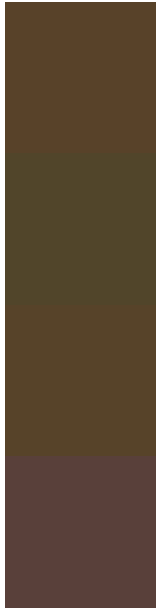
Protanopia
4D462B

Deuteranopia
564329



Tritanopia
5A3F44

Trichromacy



Original Color
584229

Protanomaly
51452A

Deuteranomaly
574329

Tritanomaly
59403A

Monochromacy



Original Color
584229

Achromatopsia
464646

Achromatomaly
4D453B

CSS Examples

Text

The CSS property to change the color of the text to Hex 584229 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 #584229 looks like.

```
.text, #text, p{  
    color:#584229  
}
```

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 #584229 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584229
}
```

Border

The CSS property to change the border of an element to Hex 584229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

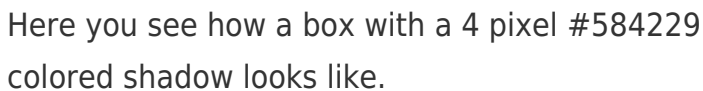
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#584229 }
```

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

```
.border{ border-color:#584229 }
```

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



Here you see how a box with a 4 pixel #584229 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584229; -webkit-box-shadow:4px 4px  
4px 4px #584229; box-shadow:4px 4px 4px  
4px #584229 }
```

Background

The CSS property to change the background color of an element to Hex 584229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584229 }
```

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

```
.background{ background-color:#584229 }
```

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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