

Converting Colors

Hex(585018)

Have a look what the booklet for
Hex(585018) contains.

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Color

Hex(585018)

Conversions

Conversions Part 1

Format	Color
Hex	585018
RGB	88, 80, 24
RGB Percent	35%, 31%, 9%
CMY	0.6549, 0.6863, 0.9059
CMYK	0.00, 0.09, 0.73, 0.65
HSL	52°, 57%, 22%
HSV	52°, 73%, 35%
XYZ	7.0580, 7.8780, 2.0128
YIQ	76.0080, 22.7440, -15.7200

Conversions

Conversions Part 2

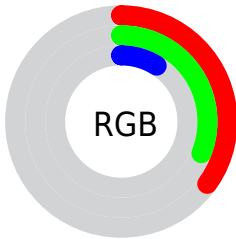
Format	Color
R_{YB}	33, 88, 24
Decimal	5787672
CIE Lab	33.73, -4.18, 32.86
CIE LCh	34, 33.120, 97.253
Yxy	7.8780, 0.4164, 0.4648
Android (android.graphics.Color)	4283977752 (0xFF585018)
YUV	76.0080, -25.6399, 10.5170
Hunter-Lab	28.0677, -4.2322, 15.3957

Details

The Hex color **585018** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **182058**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **8C8147**, and **282400** is the 20% darker color. If you saturate the color by 10%, you get **584F0F**, and if you desaturate by 10%, it is **585121**.

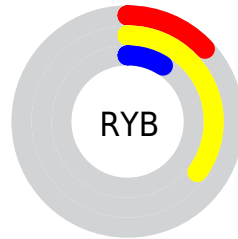
Distribution



 Red (35%)

 Green (31%)

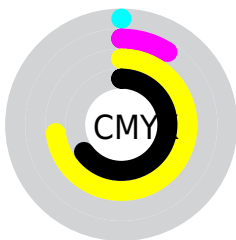
 Blue (9%)



 Red (13%)

 Yellow (35%)

 Blue (9%)

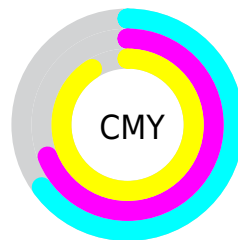


 Cyan (0%)


 Magenta (9%)

 Yellow (73%)

 Black (65%)



 Cyan (65%)

 Magenta (69%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 585018 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 585018 by changing the saturation by 10% instead.

 585018

 585018

FFFFFF

 3F3900

 8C8147

 282400

 A79B5F

 0A0F00

 C3B679

 000000

 DFD193

 FDEDAE

 FFFFC9

 FFFF E5

 585018

 585018

■ 584F0F

■ 585121

■ 584E06

■ 58522A

■ 584D00

■ 585332

■ 58543B

■ 585644

■ 58574D

■ 585856

■ 58595E

■ 585A67

Harmonies

Analogous

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



6E471E



585018



3C5723

Triad

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



585018



005B6E



743C64

Complementary

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



585018



182058

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.



594679



585018



00577F

Square

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



585018



005C55



2A5083



80384A

Rectangle

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



585018



245A32



2A5083



6D3F6C

Sweetspot

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



585018



73705A



581821



3B392B



BABABA



3B3B3B

Same Dimension

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



585018



73660F



415818



2B2B27



6B5E00



EBCD00

Inverse Universe

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



182058



0F1B73



2F1858



27282B



000D6B



001DEB

Previews

White Background



This preview shows how the Hex color 585018 looks on a white background.

Color Contrast Check

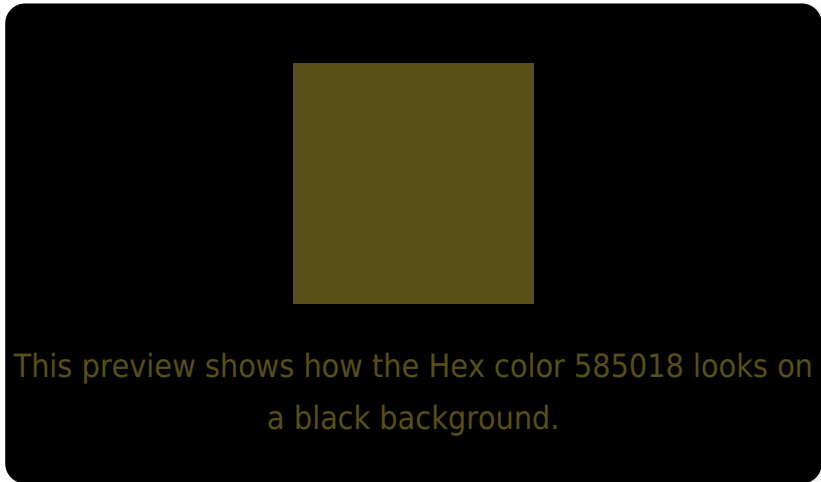
Large Text (above 18pt) WCAG AA ✓ Pass

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

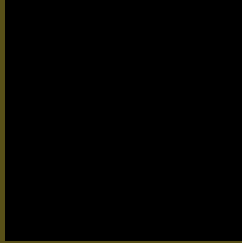
Any Text WCAG AA × Fail

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 585018 Background



This preview shows how black text looks on a background with the Hex color 585018.



This preview shows how white text looks on a background with the Hex color 585018.

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
585018

Protanopia
595018

Deuteranopia
634B1A



Tritanopia
5C4B51

Trichromacy



Original Color
585018

Protanomaly
595018

Deuteranomaly
5F4D19

Tritanomaly
5B4D3C

Monochromacy



Original Color
585018

Achromatopsia
4C4C4C

Achromatomaly
504D39

CSS Examples

Text

The CSS property to change the color of the text to Hex 585018 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 #585018 looks like.

```
.text, #text, p{  
    color:#585018  
}
```

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 #585018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585018
}
```

Border

The CSS property to change the border of an element to Hex 585018 is called "border". The border property can be set on classes, ids or directly on the HTML element.

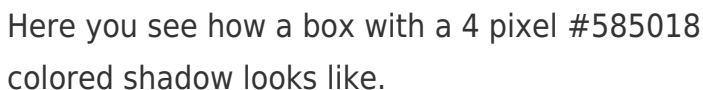
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#585018 }
```

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

```
.border{ border-color:#585018 }
```

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



Here you see how a box with a 4 pixel #585018 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585018; -webkit-box-shadow:4px 4px  
4px 4px #585018; box-shadow:4px 4px 4px  
4px #585018 }
```

Background

The CSS property to change the background color of an element to Hex 585018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585018 }
```

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

```
.background{ background-color:#585018 }
```

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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