

# Converting Colors

Hex(585C2E)

Have a look what the booklet for  
Hex(585C2E) contains.

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# Color

Hex(585C2E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	585C2E
RGB	88, 92, 46
RGB Percent	35%, 36%, 18%
CMY	0.6549, 0.6392, 0.8196
CMYK	0.04, 0.00, 0.50, 0.64
HSL	65°, 33%, 27%
HSV	65°, 50%, 36%
XYZ	8.3448, 9.9263, 4.0609
YIQ	85.5600, 12.3820, -15.1540

# Conversions

## Conversions Part 2

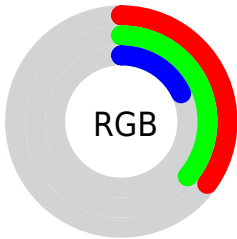
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 92, 50
Decimal	5790766
CIELab	37.71, -9.28, 25.78
CIELCh	38, 27.401, 109.799
Yxy	9.9263, 0.3737, 0.4445
Android (android.graphics.Color)	4283980846 (0xFF585C2E)
YUV	85.5600, -19.5031, 2.1399
Hunter-Lab	31.5060, -7.8572, 14.4121

# Details

The Hex color **585C2E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **322E5C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8B8E5D**, and **292E00** is the 20% darker color. If you saturate the color by 10%, you get **575C25**, and if you desaturate by 10%, it is **595C37**.

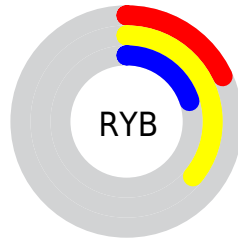
# Distribution



 Red (35%)

 Green (36%)

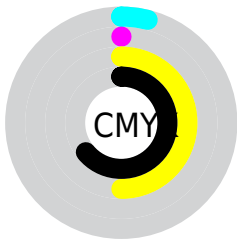
 Blue (18%)



 Red (18%)

 Yellow (36%)

 Blue (20%)

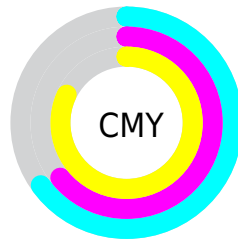


 Cyan (4%)

 Magenta (0%)

 Yellow (50%)

 Black (64%)



 Cyan (65%)

 Magenta (64%)

 Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 585C2E 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 585C2E by changing the saturation by 10% instead.



■ 585C2E

■ 585C2E

FFFFFF

■ 404518

■ 8B8E5D

■ 292E00

■ A6A976

■ 121A00

■ C1C490

■ 000000

■ DDE0AB

■ FAFCC6

■ FFFFE2

■ 585C2E

■ 585C2E

■ 575C25

■ 595C37

 565C1C

 5A5C40

 565C12

 5A5C4A

 555C09

 5B5C53

 545C00

 5C5C5C

 5D5C65

 5E5C6E

 5E5C78

 5F5C81

# Harmonies

## Analogous

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



6D552D



585C2E



3F613B

# Triad

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



585C2E



00627A



7E4861

# Complementary

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



585C2E



322E5C

# 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.



6D4E76



585C2E



255D84

# Square

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



585C2E



006467



4F5682



83484B

# Rectangle

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



585C2E



2A6349



4F5682



7A4969



# Sweetspot

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



585C2E



767866



5C322E



3C3D32



BDBDBD



3D3D3D



# Same Dimension

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



585C2E



727830



415C2E



2E2E29



646E00



D9ED00



# Inverse Universe

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



322E5C



363078



492E5C



2A292E



0A006E



1500ED



# Previews

## White Background



This preview shows how the Hex color 585C2E looks on a white background.

## Color Contrast Check

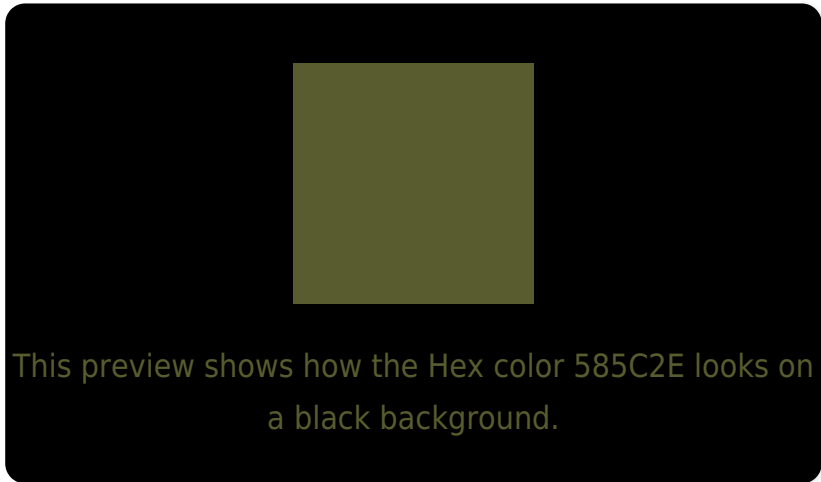
Large Text (above 18pt) WCAG AA ✓ Pass

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

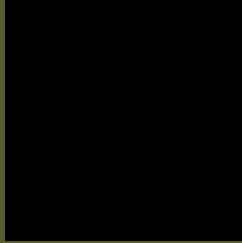
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

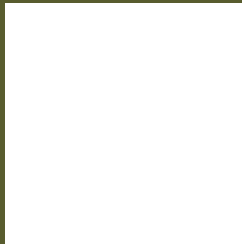
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 585C2E Background



This preview shows how black text looks on a background with the Hex color 585C2E.



This preview shows how white text looks on a background with the Hex color 585C2E.

# 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**  
585C2E

**Protanopia**  
62592D

**Deuteranopia**  
6D5530



**Tritanopia**  
5D575E

# Trichromacy



**Original Color**  
585C2E

**Protanomaly**  
5E5A2D

**Deuteranomaly**  
65582F

**Tritanomaly**  
5B594D

# Monochromacy



**Original Color**  
585C2E

**Achromatopsia**  
565656

**Achromatomaly**  
575847

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 585C2E 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 #585C2E looks like.

```
.text, #text, p{  
    color:#585C2E  
}
```

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 #585C2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585C2E
}
```

## Border

The CSS property to change the border of an element to Hex 585C2E 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
#585C2E }
```

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

```
.border{ border-color:#585C2E }
```

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

Here you see how a box with a 4 pixel #585C2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585C2E; -webkit-box-shadow:4px 4px  
4px 4px #585C2E; box-shadow:4px 4px 4px  
4px #585C2E }
```

# Background

The CSS property to change the background color of an element to Hex 585C2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585C2E }
```

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

```
.background{ background-color:#585C2E }
```

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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