

# Converting Colors

Hex(585B30)

Have a look what the booklet for  
Hex(585B30) contains.

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**Color**

**Hex(585B30)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	585B30
RGB	88, 91, 48
RGB Percent	35%, 36%, 19%
CMY	0.6549, 0.6431, 0.8118
CMYK	0.03, 0.00, 0.47, 0.64
HSL	64°, 31%, 27%
HSV	64°, 47%, 36%
XYZ	8.2991, 9.7703, 4.2447
YIQ	85.2010, 12.0150, -14.0090

# Conversions

## Conversions Part 2

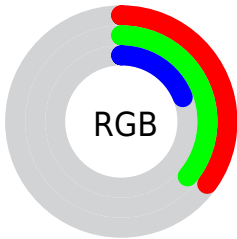
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 91, 51
Decimal	5790512
CIELab	37.43, -8.47, 24.30
CIELCh	37, 25.734, 109.213
Yxy	9.7703, 0.3719, 0.4379
Android (android.graphics.Color)	4283980592 (0xFF585B30)
YUV	85.2010, -18.3401, 2.4547
Hunter-Lab	31.2574, -7.3074, 13.8287

# Details

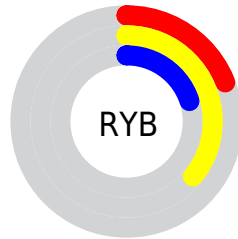
The Hex color **585B30** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **33305B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8B8D5F**, and **2A2D01** is the 20% darker color. If you saturate the color by 10%, you get **575B27**, and if you desaturate by 10%, it is **595B39**.

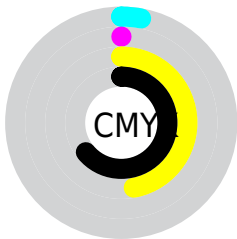
# Distribution



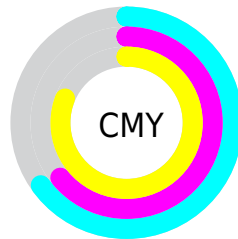
- Red (35%)
- Green (36%)
- Blue (19%)



- Red (19%)
- Yellow (36%)
- Blue (20%)



- Cyan (3%)
- Magenta (0%)
- Yellow (47%)
- Black (64%)



- Cyan (65%)
- Magenta (64%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 585B30 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 585B30 by changing the saturation by 10% instead.



 585B30

 585B30

FFFFFF

 40441A

 8B8D5F

 2A2D01

 A6A778

 121900

 C1C392

 000000

 DDDEAD

 FAFBC8

 FFFFE4

 585B30

 585B30

 575B27

 595B39

■ 575B1E

■ 595B42

■ 565B15

■ 5A5B4B

■ 555B0C

■ 5B5B54

■ 555B03

■ 5B5B5E

■ 555B00

■ 5C5B67

■ 5C5B70

■ 5D5B79

■ 5E5B82

# Harmonies

## Analogous

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



6C542F



585B30



40603C

# Triad

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



585B30



006177



7B4860

# Complementary

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



585B30



33305B

# 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.



6B4E73



585B30



295C80

# Square

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



585B30



006365



4F557F



80484B

# Rectangle

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



585B30



2E6249



4F557F



774A67



# Sweetspot

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



585B30



747565



5B3330



3A3B31



BABABA



3B3B3B



# Same Dimension

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



585B30



717532



435B30



2E2E29



666E00



DDED00



# Inverse Universe

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



33305B



373275



48305B



2A292E



08006E



1100ED



# Previews

## White Background



This preview shows how the Hex color 585B30 looks on a white background.

## Color Contrast Check

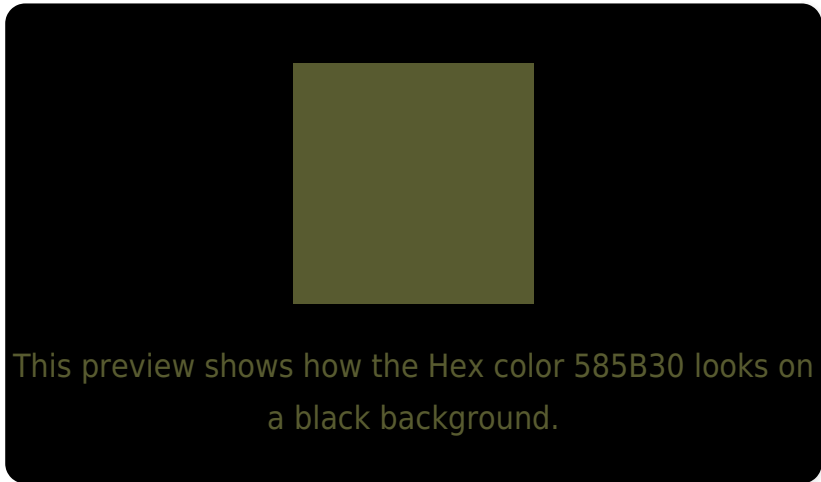
Large Text (above 18pt) WCAG AA ✓ Pass

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

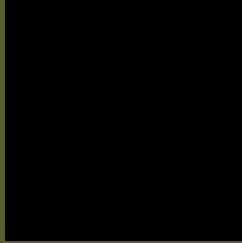
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 585B30 Background



This preview shows how black text looks on a background with the Hex color 585B30.



This preview shows how white text looks on a background with the Hex color 585B30.

# 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**  
585B30

**Protanopia**  
61582F

**Deuteranopia**  
6B5432



**Tritanopia**  
5D565D

# Trichromacy



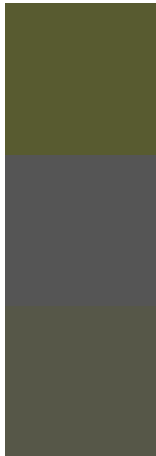
**Original Color**  
585B30

**Protanomaly**  
5E592F

**Deuteranomaly**  
645731

**Tritanomaly**  
5B584D

# Monochromacy



**Original Color**  
585B30

**Achromatopsia**  
555555

**Achromatomaly**  
565748

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 585B30 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 #585B30 looks like.

```
.text, #text, p{  
    color:#585B30  
}
```

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 #585B30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585B30
}
```

## Border

The CSS property to change the border of an element to Hex 585B30 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
#585B30 }
```

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

```
.border{ border-color:#585B30 }
```

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

Here you see how a box with a 4 pixel #585B30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585B30; -webkit-box-shadow:4px 4px  
4px 4px #585B30; box-shadow:4px 4px 4px  
4px #585B30 }
```

# Background

The CSS property to change the background color of an element to Hex 585B30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585B30 }
```

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

```
.background{ background-color:#585B30 }
```

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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