

# Converting Colors

Hex(30582C)

Have a look what the booklet for  
Hex(30582C) contains.

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# Color

Hex(30582C)

# Conversions

## Conversions Part 1

Format	Color
Hex	30582C
RGB	48, 88, 44
RGB Percent	19%, 35%, 17%
CMY	0.8118, 0.6549, 0.8275
CMYK	0.45, 0.00, 0.50, 0.65
HSL	115°, 33%, 26%
HSV	115°, 50%, 35%
XYZ	5.1633, 7.7897, 3.6143
YIQ	71.0240, -9.7160, -22.1640

# Conversions

## Conversions Part 2

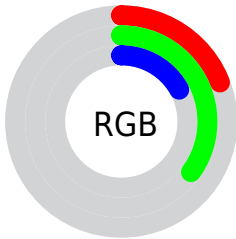
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 88, 84
Decimal	3168300
CIELab	33.54, -24.17, 21.14
CIELCh	34, 32.113, 138.832
Yxy	7.7897, 0.3117, 0.4702
Android (android.graphics.Color)	4281358380 (0xFF30582C)
YUV	71.0240, -13.3228, -20.1920
Hunter-Lab	27.9100, -15.8205, 11.8590

# Details

The Hex color **30582C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **542C58**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **618A5B**, and **032A00** is the 20% darker color. If you saturate the color by 10%, you get **285823**, and if you desaturate by 10%, it is **385835**.

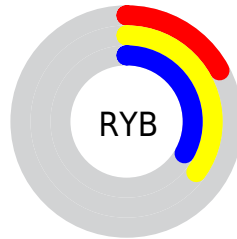
# Distribution



Red (19%)

Green (35%)

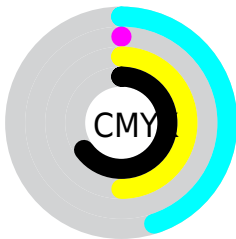
Blue (17%)



Red (17%)

Yellow (35%)

Blue (33%)

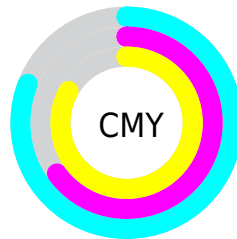


Cyan (45%)

Magenta (0%)

Yellow (50%)

Black (65%)



Cyan (81%)

Magenta (65%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30582C 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 30582C by changing the saturation by 10% instead.





30582C



30582C

FFFFFF



184016



618A5B



032A00



7AA573



001500



95C08D



000000



B0DCA8



CCF9C3



E8FFDF



FFFFFFC



30582C



30582C

■ 285823

■ 385835

■ 20581A

■ 40583E

■ 185812

■ 485846

■ 105809

■ 50584F

■ 085800

■ 585858

■ 605861

■ 68586A

■ 705872

■ 78587B

# Harmonies

## Analogous

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



4E521C



30582C



005B44

# Triad

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



30582C



005481



7E3940

# Complementary

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



30582C



542C58

# 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.



793A59



30582C



404C7F

# Square

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



30582C



005A75



654271



774129

# Rectangle

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



30582C



005C56



654271



7E3948



# Sweetspot

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



30582C



637362



58542C



313B30



BABABA



3B3B3B



# Same Dimension

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



30582C



34732E



2C583E



272B27



0A6B00



15EB00



# Inverse Universe

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



542C58



6C2E73



582C46



2B272B



61006B

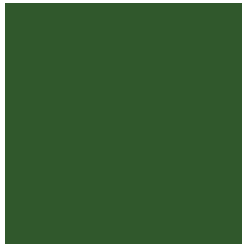


D500EB



# Previews

## White Background



This preview shows how the Hex color 30582C looks on a white background.

## Color Contrast Check

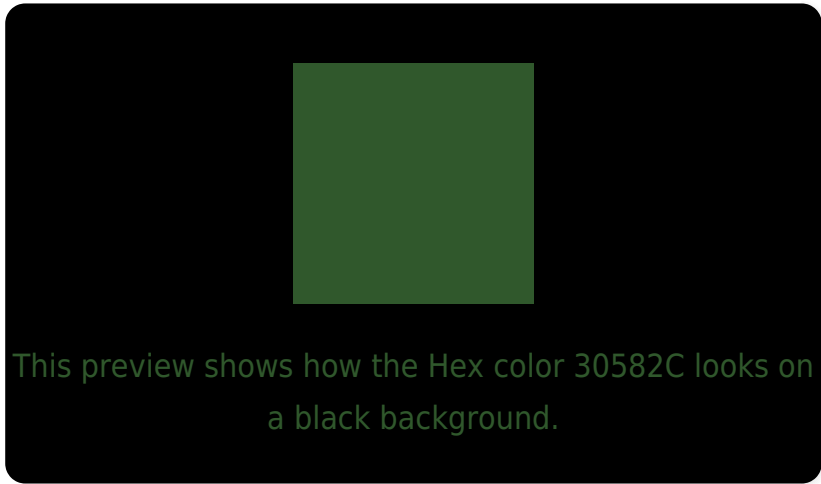
Large Text (above 18pt) WCAG AA ✓ Pass

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 30582C Background



This preview shows how black text looks on a background with the Hex color 30582C.



This preview shows how white text looks on a background with the Hex color 30582C.

# 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**  
30582C

**Protanopia**  
574F29

**Deuteranopia**  
5F4B2F



**Tritanopia**  
39535A

# Trichromacy



**Original Color**  
30582C

**Protanomaly**  
49522A

**Deuteranomaly**  
4E502E

**Tritanomaly**  
365549

# Monochromacy



**Original Color**  
30582C

**Achromatopsia**  
474747

**Achromatomaly**  
3F4D3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30582C 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 #30582C looks like.

```
.text, #text, p{  
    color:#30582C  
}
```

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 #30582C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30582C
}
```

## Border

The CSS property to change the border of an element to Hex 30582C 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".

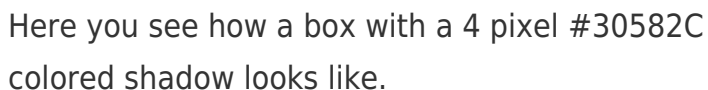
```
.border, #border, table{ border:4px solid
#30582C }
```

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

```
.border{ border-color:#30582C }
```

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

Here you see how a box with a 4 pixel #30582C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30582C; -webkit-box-shadow:4px 4px  
4px 4px #30582C; box-shadow:4px 4px 4px  
4px #30582C }
```

# Background

The CSS property to change the background color of an element to Hex 30582C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30582C }
```

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

```
.background{ background-color:#30582C }
```

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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