

# Converting Colors

Hex(30282F)

Have a look what the booklet for  
Hex(30282F) contains.

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# Color

**Hex(30282F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30282F
RGB	48, 40, 47
RGB Percent	19%, 16%, 18%
CMY	0.8118, 0.8431, 0.8157
CMYK	0.00, 0.17, 0.02, 0.81
HSL	308°, 9%, 17%
HSV	308°, 17%, 19%
XYZ	2.4908, 2.3512, 3.0119
YIQ	43.1900, 2.5210, 3.8730

# Conversions

## Conversions Part 2

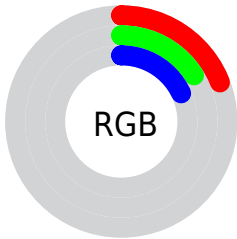
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 40, 47
Decimal	3156015
CIE Lab	17.23, 5.27, -3.19
CIE LCh	17, 6.164, 328.836
Yxy	2.3512, 0.3171, 0.2994
Android (android.graphics.Color)	4281346095 (0xFF30282F)
YUV	43.1900, 1.8783, 4.2184
Hunter-Lab	15.3336, 2.1619, -0.9124

# Details

The Hex color **30282F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **283029**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5E555D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **30232E**, and if you desaturate by 10%, it is **302D30**.

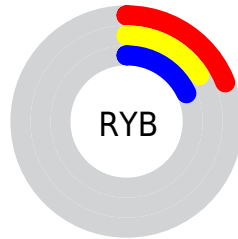
# Distribution



Red (19%)

Green (16%)

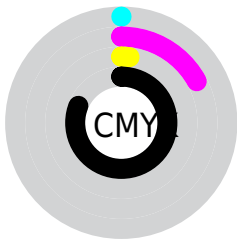
Blue (18%)



Red (19%)

Yellow (16%)

Blue (18%)

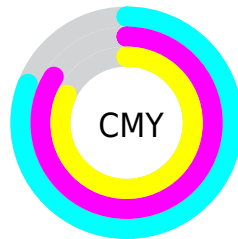


Cyan (0%)

Magenta (17%)

Yellow (2%)

Black (81%)



Cyan (81%)

Magenta (84%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30282F 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 30282F by changing the saturation by 10% instead.





30282F



30282F

FFFFFF



1B141A



5E555D



000000



776D75



90878F



ABA1A9



C6BCC5



E2D8E1



FFF4FD



30282F



30282F

■ 30232E

■ 302D30

■ 301E2E

■ 303230

■ 301A2D

■ 303631

■ 30152D

■ 303B31

■ 30102C

■ 304032

■ 300B2B

■ 304533

■ 30062B

■ 304A33

■ 30022A

■ 304E34

■ 30002A

■ 305334

# Harmonies

## Analogous

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



2B2932



30282F



33272B

# Triad

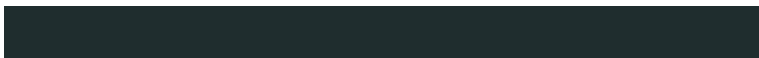
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30282F



2E2A22



1F2D2E

# Complementary

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



30282F



283029

# 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.



202D2A



30282F



292B23

# Square

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



30282F



322923



242C26



212C32

# Rectangle

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



30282F



342728



242C26



1F2D2D



# Sweetspot

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



30282F



3D3A3D



292830



1F1D1E



9E9E9E



1F1F1F



# Same Dimension

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



30282F



3D313C



30282B



171517



57004C



D600BB



# Inverse Universe

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



30282F



3D313C



28302D



171517



57004C



D600BB



# Previews

## White Background



This preview shows how the Hex color 30282F looks on a white background.

## Color Contrast Check

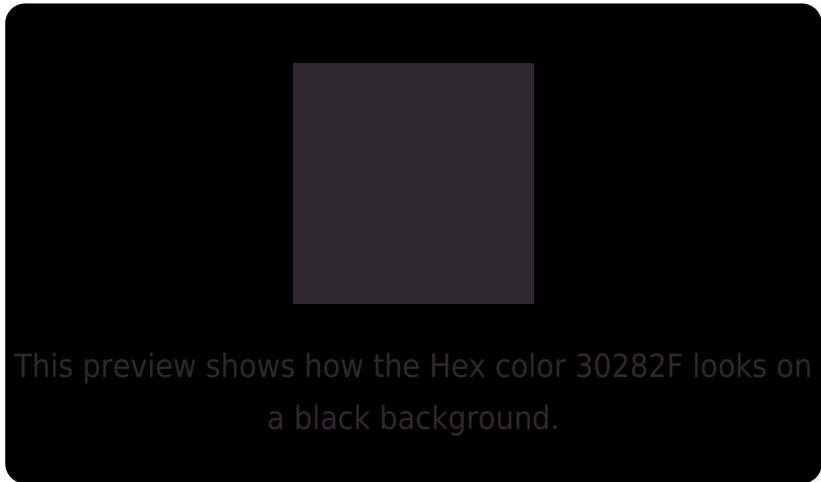
Large Text (above 18pt) WCAG AA ✓ Pass

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

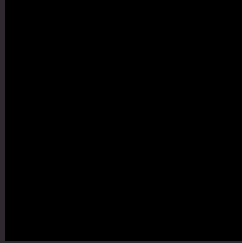
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 30282F Background



This preview shows how black text looks on a background with the Hex color 30282F.

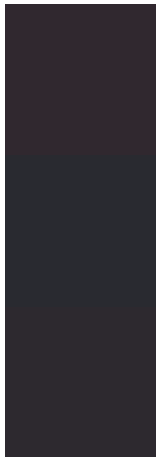


This preview shows how white text looks on a background with the Hex color 30282F.

# 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**  
30282F

**Protanopia**  
292A30

**Deuteranopia**  
2D292F



**Tritanopia**  
30292C

# Trichromacy



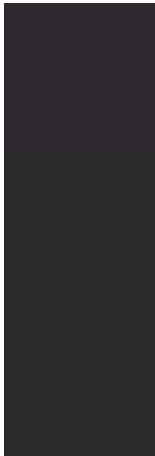
**Original Color**  
30282F

**Protanomaly**  
2C2930

**Deuteranomaly**  
2E292F

**Tritanomaly**  
30292D

# Monochromacy



**Original Color**  
30282F

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
2D2A2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30282F 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 #30282F looks like.

```
.text, #text, p{  
    color:#30282F  
}
```

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 #30282F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30282F
}
```

## Border

The CSS property to change the border of an element to Hex 30282F is called "border". The border property can be set on classes, ids or directly on the HTML element.

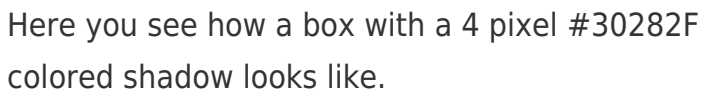
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30282F }
```

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

```
.border{ border-color:#30282F }
```

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



Here you see how a box with a 4 pixel #30282F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30282F; -webkit-box-shadow:4px 4px  
4px 4px #30282F; box-shadow:4px 4px 4px  
4px #30282F }
```

# Background

The CSS property to change the background color of an element to Hex 30282F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30282F }
```

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

```
.background{ background-color:#30282F }
```

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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