

# Converting Colors

Hex(30303D)

Have a look what the booklet for  
Hex(30303D) contains.

<b>Hex(30303D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(30303D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30303D
RGB	48, 48, 61
RGB Percent	19%, 19%, 24%
CMY	0.8118, 0.8118, 0.7608
CMYK	0.21, 0.21, 0.00, 0.76
HSL	240°, 12%, 21%
HSV	240°, 21%, 24%
XYZ	3.1182, 3.0792, 4.8449
YIQ	49.4820, -4.1730, 4.0430

# Conversions

## Conversions Part 2

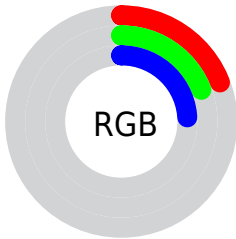
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 48, 61
Decimal	3158077
CIELab	20.36, 3.35, -8.18
CIELCh	20, 8.842, 292.235
Yxy	3.0792, 0.2824, 0.2789
Android (android.graphics.Color)	4281348157 (0xFF30303D)
YUV	49.4820, 5.6784, -1.2997
Hunter-Lab	17.5477, 1.0106, -4.0865

# Details

The Hex color **30303D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D3D30**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **5E5E6C**, and **010013** is the 20% darker color. If you saturate the color by 10%, you get **2A2A3D**, and if you desaturate by 10%, it is **36363D**.

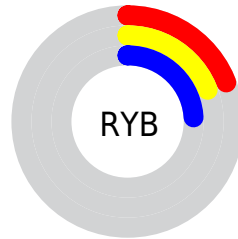
# Distribution



 Red (19%)

 Green (19%)

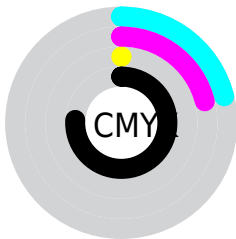
 Blue (24%)




 Red (19%)

 Yellow (19%)

 Blue (24%)

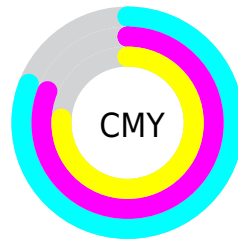


 Cyan (21%)

 Magenta (21%)

 Yellow (0%)

 Black (76%)



 Cyan (81%)

 Magenta (81%)

 Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30303D 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 30303D by changing the saturation by 10% instead.



■ 30303D

■ 30303D

FFFFFF

■ 1B1B27

■ 5E5E6C

■ 010013

■ 777786

■ 000000

■ 9190A0

■ ABABBB

■ C6C6D7

■ E3E2F3

■ 30303D

■ 30303D

■ 2A2A3D

■ 36363D

■ 24243D

■ 3C3C3D

■ 1E1E3D

■ 42423D

■ 18183D

■ 48483D

■ 11113D

■ 4F4F3D

■ 0B0B3D

■ 55553D

■ 05053D

■ 5B5B3D

■ 00003D

■ 61613D

■ 67673D

# Harmonies

## Analogous

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



27323E



30303D



382E39

# Triad

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



30303D



3D2E27



23352F

# Complementary

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



30303D



3D3D30

# 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.



293429



30303D



383024

# Square

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



30303D



3F2D2C



313225



1F3536

# Rectangle

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



30303D



3C2D35



313225



25342D



# Sweetspot

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



30303D



4A4A4F



303D3D



262629



A8A8A8



292929



# Same Dimension

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



30303D



3A3A4F



37303D



1C1C1F



00005E



0000DE



# Inverse Universe

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



3D303D



4F3A4F



373D30



1F1C1F



5E005E



DE00DE



# Previews

## White Background



This preview shows how the Hex color 30303D looks on a white background.

## Color Contrast Check

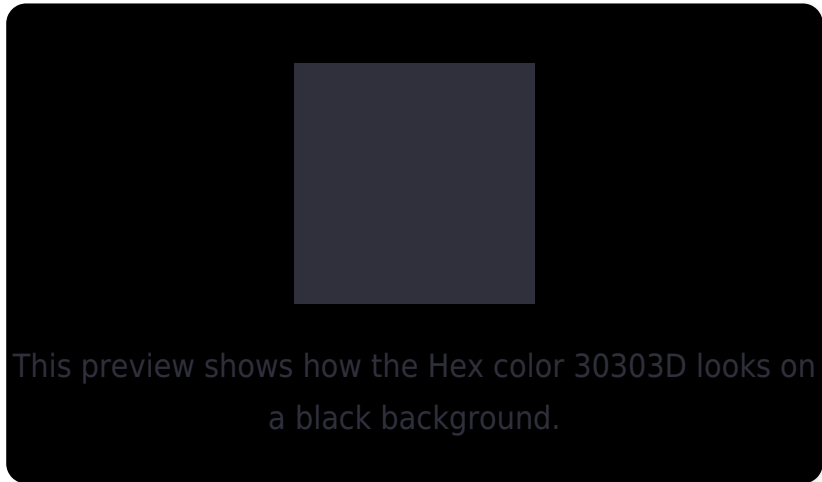
Large Text (above 18pt) WCAG AA ✓ Pass

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

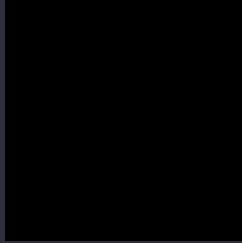
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

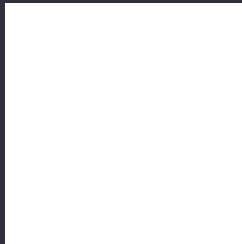
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 30303D Background



This preview shows how black text looks on a background with the Hex color 30303D.



This preview shows how white text looks on a background with the Hex color 30303D.

# 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**  
30303D

**Protanopia**  
2E313D

**Deuteranopia**  
30303D



**Tritanopia**  
2F3135

# Trichromacy



**Original Color**  
30303D

**Protanomaly**  
2F313D

**Deuteranomaly**  
30303D

**Tritanomaly**  
2F3138

# Monochromacy



**Original Color**  
30303D

**Achromatopsia**  
313131

**Achromatomaly**  
313135

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30303D 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 #30303D looks like.

```
.text, #text, p{  
    color:#30303D  
}
```

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 #30303D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30303D
}
```

## Border

The CSS property to change the border of an element to Hex 30303D is called "border". The border property can be set on classes, ids or directly on the HTML element.

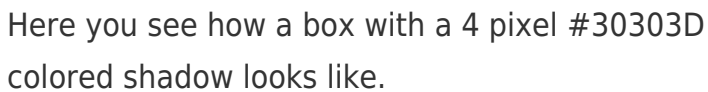
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30303D }
```

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

```
.border{ border-color:#30303D }
```

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



Here you see how a box with a 4 pixel #30303D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30303D; -webkit-box-shadow:4px 4px  
4px 4px #30303D; box-shadow:4px 4px 4px  
4px #30303D }
```

# Background

The CSS property to change the background color of an element to Hex 30303D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30303D }
```

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

```
.background{ background-color:#30303D }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor