

# Converting Colors

Hex(30386F)

Have a look what the booklet for  
Hex(30386F) contains.

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# Color

**Hex(30386F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30386F
RGB	48, 56, 111
RGB Percent	19%, 22%, 44%
CMY	0.8118, 0.7804, 0.5647
CMYK	0.57, 0.50, 0.00, 0.56
HSL	232°, 40%, 31%
HSV	232°, 57%, 44%
XYZ	5.5023, 4.6044, 15.6377
YIQ	59.8780, -22.4230, 15.4090

# Conversions

## Conversions Part 2

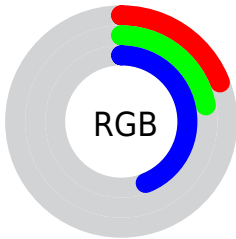
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 55, 111
Decimal	3160175
CIE <sub>Lab</sub>	25.58, 14.21, -33.05
CIE <sub>LCh</sub>	26, 35.979, 293.267
Yxy	4.6044, 0.2137, 0.1789
Android (android.graphics.Color)	4281350255 (0xFF30386F)
YUV	59.8780, 25.2031, -10.4170
Hunter-Lab	21.4579, 8.2205, -28.1876




# Details

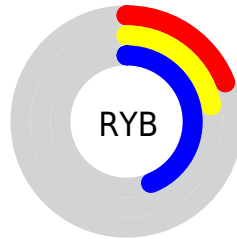
The Hex color **30386F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6F6730**, and the grayscale version is **3C3C3C**.




A 20% lighter version of the original color is **6367A3**, and **000E3F** is the 20% darker color. If you saturate the color by 10%, you get **252E6F**, and if you desaturate by 10%, it is **3B426F**.

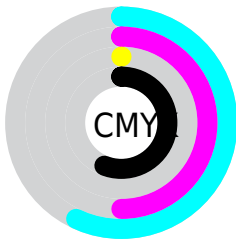
# Distribution







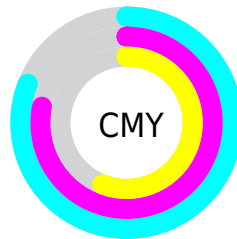
-  Red (19%)
-  Green (22%)
-  Blue (44%)






-  Red (19%)
-  Yellow (22%)
-  Blue (44%)



-  Cyan (57%)
-  Magenta (50%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (81%)
-  Magenta (78%)
-  Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30386F 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 30386F by changing the saturation by 10% instead.





30386F



30386F

FFFFFF



142356



6367A3



000E3F



7E80BE



000328



989ADA



000112



B4B4F7



000000



D0D0FF



EDECFF



30386F



30386F



252E6F



3B426F

■ 1A256F

■ 464B6F

■ 0F1B6F

■ 51556F

■ 04116F

■ 5C5F6F

■ 000E6F

■ 68686F

■ 73726F

■ 7E7C6F

■ 89866F

■ 948F6F

# Harmonies

## Analogous

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



004273



30386F



572B5E

# Triad

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



30386F



622E10



004935

# Complementary

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



30386F



6F6730

# 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.



0E461A



30386F



4F3900

# Square

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



30386F



6D2329



354102



004951

# Rectangle

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



30386F



66244D



354102



00482C



# Sweetspot

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



30386F



797C91



306F67



3B3D4A



C9C9C9



4A4A4A



# Same Dimension

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



30386F



2F3B91



47306F



323338



000F78



001FF7



# Inverse Universe

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



6F3038



912F3B



586F30



383233



78000F



F7001F



# Previews

## White Background



This preview shows how the Hex color 30386F looks on a white background.

## Color Contrast Check

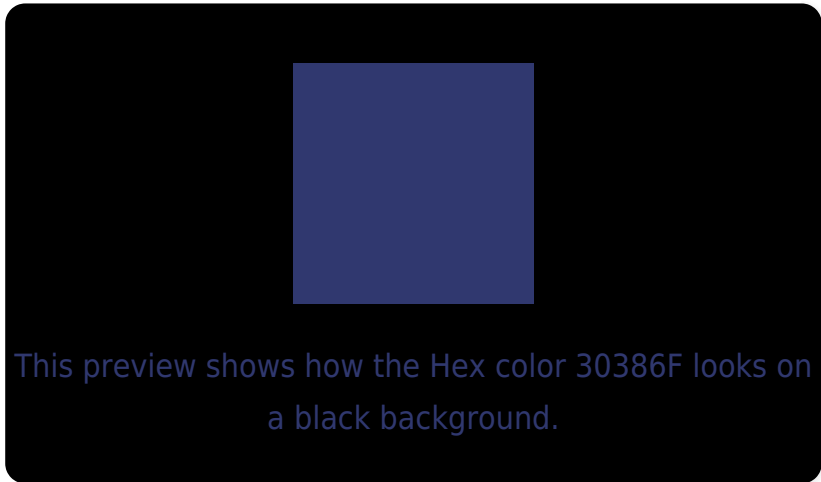
Large Text (above 18pt) WCAG AA ✓ Pass

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

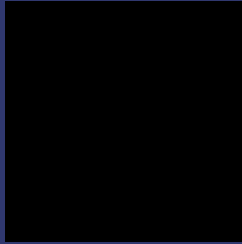
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 30386F Background



This preview shows how black text looks on a background with the Hex color 30386F.



This preview shows how white text looks on a background with the Hex color 30386F.

# 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**  
30386F

**Protanopia**  
1F3B72

**Deuteranopia**  
003E6D



# Trichromacy



**Original Color**  
30386F

**Protanomaly**  
253A71

**Deuteranomaly**  
113C6E

**Tritanomaly**  
263E56

# Monochromacy



**Original Color**  
30386F

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
383B4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30386F 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 #30386F looks like.

```
.text, #text, p{  
    color:#30386F  
}
```

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 #30386F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30386F
}
```

## Border

The CSS property to change the border of an element to Hex 30386F 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
#30386F }
```

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

```
.border{ border-color:#30386F }
```

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

Here you see how a box with a 4 pixel #30386F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30386F; -webkit-box-shadow:4px 4px  
4px 4px #30386F; box-shadow:4px 4px 4px  
4px #30386F }
```

# Background

The CSS property to change the background color of an element to Hex 30386F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30386F }
```

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

```
.background{ background-color:#30386F }
```

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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