

Converting Colors

Hex(30386D)

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

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Color

Hex(30386D)

Conversions

Conversions Part 1

Format	Color
Hex	30386D
RGB	48, 56, 109
RGB Percent	19%, 22%, 43%
CMY	0.8118, 0.7804, 0.5725
CMYK	0.56, 0.49, 0.00, 0.57
HSL	232°, 39%, 31%
HSV	232°, 56%, 43%
XYZ	5.3934, 4.5609, 15.0641
YIQ	59.6500, -21.7810, 14.7870

Conversions

Conversions Part 2

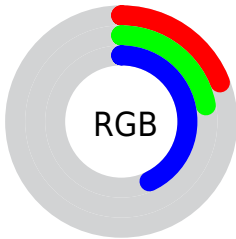
Format	Color
R_{YB}	48, 55, 109
Decimal	3160173
CIE Lab	25.45, 13.49, -31.98
CIE LCh	25, 34.714, 292.876
Yxy	4.5609, 0.2156, 0.1823
Android (android.graphics.Color)	4281350253 (0xFF30386D)
YUV	59.6500, 24.3295, -10.2171
Hunter-Lab	21.3562, 7.7062, -26.8723




Details

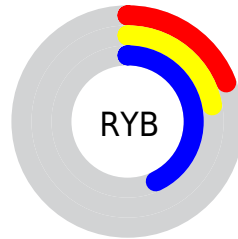
The Hex color **30386D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6D6530**, and the grayscale version is **3B3B3B**.




A 20% lighter version of the original color is **6367A1**, and **000E3D** is the 20% darker color. If you saturate the color by 10%, you get **252F6D**, and if you desaturate by 10%, it is **3B416D**.

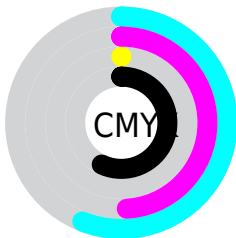
Distribution







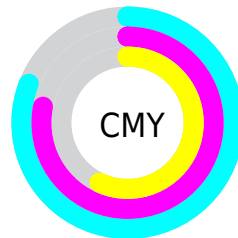
-  Red (19%)
-  Green (22%)
-  Blue (43%)






-  Red (19%)
-  Yellow (22%)
-  Blue (43%)



-  Cyan (56%)
-  Magenta (49%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (81%)
-  Magenta (78%)
-  Yellow (57%)

Brightness & Saturation Gradients

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



30386D



30386D

FFFFFF



152354



6367A1



000E3D



7D80BC



000327



989AD8



000110



B3B4F5



000000



D0D0FF



ECECFE



30386D



30386D



252F6D



3B416D

■ 1A256D

■ 464B6D

■ 0F1C6D

■ 51546D

■ 04126D

■ 5C5E6D

■ 000E6D

■ 67676D

■ 71716D

■ 7C7A6D

■ 87846D

■ 928D6D

Harmonies

Analogous

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



004171



30386D



562C5C

Triad

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



30386D



612E12



004835

Complementary

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



30386D



6D6530

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.



12461B



30386D



4F3901

Square

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



30386D



6B242A



364105



004950

Rectangle

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



30386D



64254C



364105



00482C

Sweetspot

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



30386D



777A8F



306D65



393B47



C7C7C7



474747

Same Dimension

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



30386D



2F3C8F



46306D



303136



000F75



0020F5

Inverse Universe

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



6D3038



8F2F3C



576D30



363031



75000F



F50020

Previews

White Background



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

Color Contrast Check

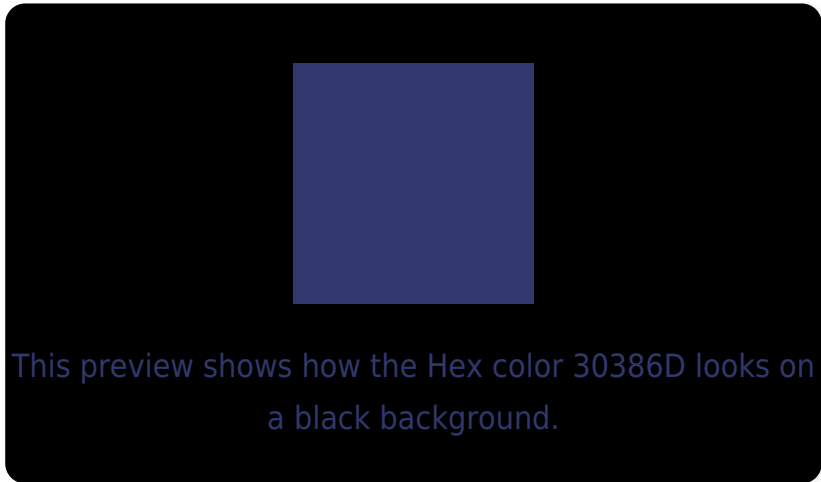
Large Text (above 18pt) WCAG AA ✓ Pass

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

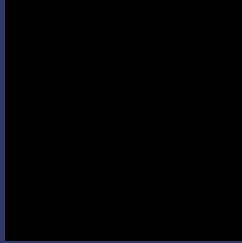
Any Text WCAG AA × Fail

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 30386D Background



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



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

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](#).

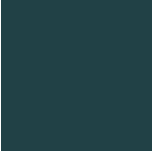
Dichromacy



Original Color
30386D

Protanopia
213B70

Deuteranopia
0E3D6C



Tritanopia
214146

Trichromacy



Original Color

30386D

Protanomaly

263A6F

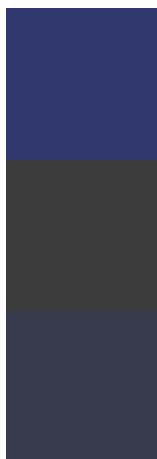
Deuteranomaly

1A3B6C

Tritanomaly

263E54

Monochromacy



Original Color

30386D

Achromatopsia

3C3C3C

Achromatomaly

383B4E

CSS Examples

Text

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

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

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 #30386D colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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