

# Converting Colors

Hex(38296B)

Have a look what the booklet for  
Hex(38296B) contains.

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# Color

**Hex(38296B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38296B
RGB	56, 41, 107
RGB Percent	22%, 16%, 42%
CMY	0.7804, 0.8392, 0.5804
CMYK	0.48, 0.62, 0.00, 0.58
HSL	254°, 45%, 29%
HSV	254°, 62%, 42%
XYZ	5.0777, 3.4882, 14.3156
YIQ	53.0090, -12.2460, 23.7060

# Conversions

## Conversions Part 2

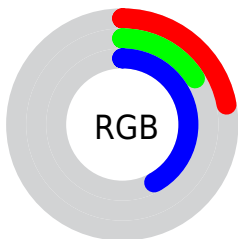
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 41, 107
Decimal	3680619
CIE <sub>Lab</sub>	21.90, 24.94, -36.35
CIE <sub>LCh</sub>	22, 44.086, 304.458
Yxy	3.4882, 0.2219, 0.1524
Android (android.graphics.Color)	4281870699 (0xFF38296B)
YUV	53.0090, 26.6176, 2.6231
Hunter-Lab	18.6766, 15.8452, -32.3720

# Details

The Hex color **38296B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5C6B29**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **6B579F**, and **08003B** is the 20% darker color. If you saturate the color by 10%, you get **301E6B**, and if you desaturate by 10%, it is **40346B**.

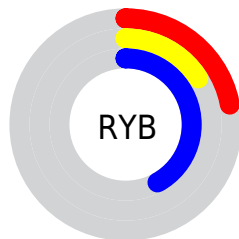
# Distribution



Red (22%)

Green (16%)

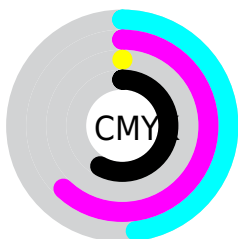
Blue (42%)



Red (22%)

Yellow (16%)

Blue (42%)

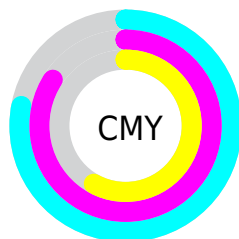


Cyan (48%)

Magenta (62%)

Yellow (0%)

Black (58%)



Cyan (78%)

Magenta (84%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38296B 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 38296B by changing the saturation by 10% instead.



■ 38296B

■ 38296B

FFFFFF

■ 1E1452

■ 6B579F

■ 08003B

■ 8570BA

■ 000224

■ A089D6

■ 00000C

■ BCA3F3

■ 000000

■ D8BFFF

■ F5DBFF

■ FFF7FF

■ 38296B

■ 38296B

■ 301E6B

■ 40346B

■ 27146B

■ 493E6B

■ 1F096B

■ 51496B

■ 18006B

■ 59546B

■ 615F6B

■ 6A696B

■ 72746B

■ 7A7F6B

■ 82896B

# Harmonies

## Analogous

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



003776



38296B



5E1451

# Triad

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



38296B



572700



004239

# Complementary

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



38296B



5C6B29

# 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.



004116



38296B



3D3500

# Square

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



38296B



681411



1B3D00



004259

# Rectangle

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



38296B



6A063C



1B3D00



00422D



# Sweetspot

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



38296B



78728C



295D6B



3B3747



C7C7C7



474747



# Same Dimension

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



38296B



3C248C



58296B



313036



1B0075



3800F5



# Inverse Universe

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



6B295C



8C2475



3C6B29



363034



75005B



F500BD



# Previews

## White Background



This preview shows how the Hex color 38296B looks on a white background.

## Color Contrast Check

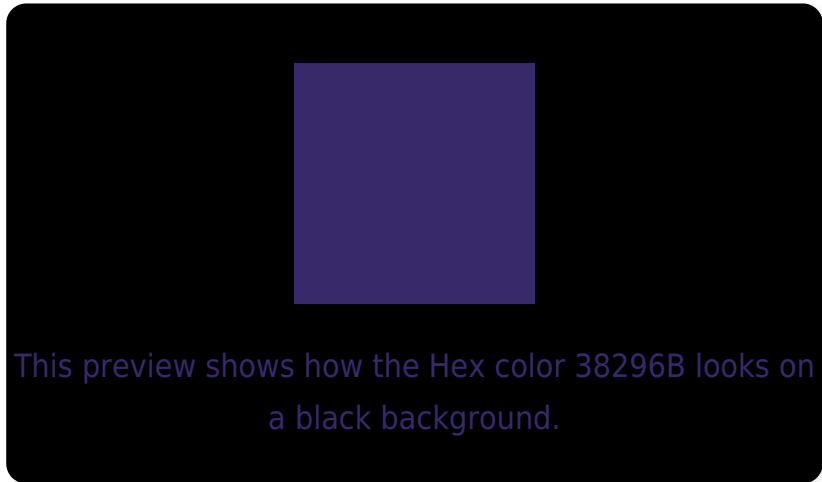
Large Text (above 18pt) WCAG AA ✓ Pass

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

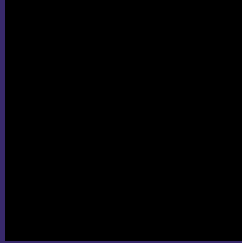
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 38296B Background



This preview shows how black text looks on a background with the Hex color 38296B.



This preview shows how white text looks on a background with the Hex color 38296B.

# 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**  
38296B

**Protanopia**  
00336C

**Deuteranopia**  
00365E



**Tritanopia**  
2B373B

# Trichromacy



**Original Color**  
38296B

**Protanomaly**  
142F6C

**Deuteranomaly**  
143163

**Tritanomaly**  
30324C

# Monochromacy



**Original Color**  
38296B

**Achromatopsia**  
353535

**Achromatomaly**  
363149

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38296B 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 #38296B looks like.

```
.text, #text, p{  
    color:#38296B  
}
```

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 #38296B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38296B
}
```

## Border

The CSS property to change the border of an element to Hex 38296B 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
#38296B }
```

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

```
.border{ border-color:#38296B }
```

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

Here you see how a box with a 4 pixel #38296B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38296B; -webkit-box-shadow:4px 4px  
4px 4px #38296B; box-shadow:4px 4px 4px  
4px #38296B }
```

# Background

The CSS property to change the background color of an element to Hex 38296B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38296B }
```

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

```
.background{ background-color:#38296B }
```

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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