

Converting Colors

Hex(38386F)

Have a look what the booklet for
Hex(38386F) contains.

Hex(38386F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(38386F)

Conversions

Conversions Part 1

Format	Color
Hex	38386F
RGB	56, 56, 111
RGB Percent	22%, 22%, 44%
CMY	0.7804, 0.7804, 0.5647
CMYK	0.50, 0.50, 0.00, 0.56
HSL	240°, 33%, 33%
HSV	240°, 50%, 44%
XYZ	5.9143, 4.8168, 15.6569
YIQ	62.2700, -17.6550, 17.1050

Conversions

Conversions Part 2

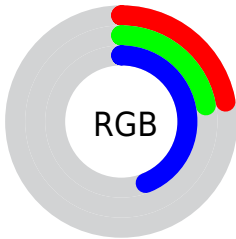
Format	Color
R_{YB}	56, 56, 111
Decimal	3684463
CIE _{Lab}	26.21, 16.21, -32.01
CIE _{LCh}	26, 35.881, 296.857
Yxy	4.8168, 0.2241, 0.1825
Android (android.graphics.Color)	4281874543 (0xFF38386F)
YUV	62.2700, 24.0239, -5.4988
Hunter-Lab	21.9472, 9.6943, -26.9339

Details

The Hex color **38386F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6F6F38**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6B67A3**, and **010E3F** is the 20% darker color. If you saturate the color by 10%, you get **2D2D6F**, and if you desaturate by 10%, it is **43436F**.

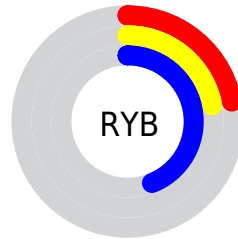
Distribution



Red (22%)

Green (22%)

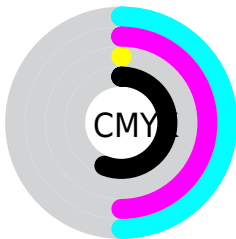
Blue (44%)



Red (22%)

Yellow (22%)

Blue (44%)

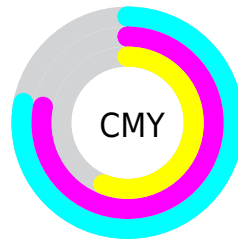


Cyan (50%)

Magenta (50%)

Yellow (0%)

Black (56%)



Cyan (78%)

Magenta (78%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38386F 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 38386F by changing the saturation by 10% instead.

■ 38386F

■ 38386F

FFFFFF

■ 1F2356

■ 6B67A3

■ 010E3F

■ 8580BE

■ 000328

■ A09ADA

■ 000112

■ BBB5F7

■ 000000

■ D8D0FF

■ F4ECFF

■ 38386F

■ 38386F

■ 2D2D6F

■ 43436F

■ 22226F

■ 4E4E6F

■ 17176F

■ 59596F

■ 0C0C6F

■ 64646F

■ 01016F

■ 70706F

■ 00006F

■ 7B7B6F

■ 86866F

■ 91916F

■ 9C9C6F

Harmonies

Analogous

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



004275



38386F



5C2B5C

Triad

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



38386F



62310F



004A3A

Complementary

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



38386F



6F6F38

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.



07481E



38386F



4E3C00

Square

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



38386F



6E2627



334406



004B56

Rectangle

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



38386F



69254B



334406



004A31

Sweetspot

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



38386F



7C7C91



386F6F



3D3D4A



C9C9C9



4A4A4A

Same Dimension

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



38386F



3C3C91



54386F



323238



000078



0000F7

Inverse Universe

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



6F386F



913C91



546F38



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 38386F looks on a white background.

Color Contrast Check

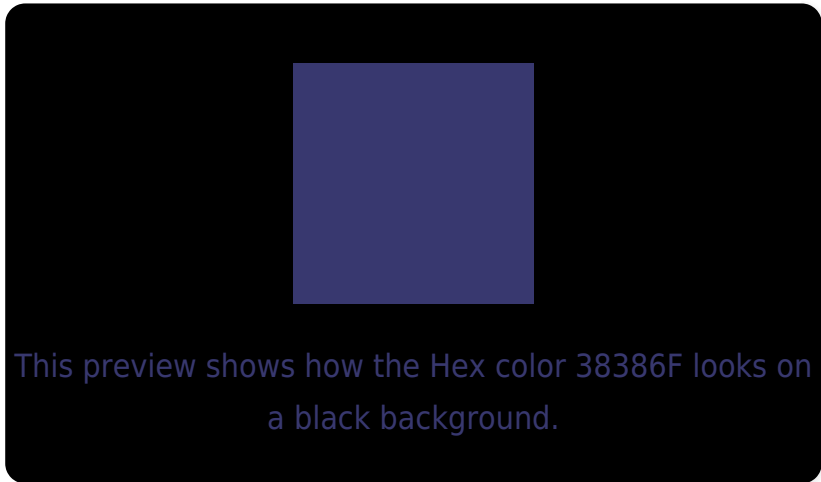
Large Text (above 18pt) WCAG AA ✓ Pass

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

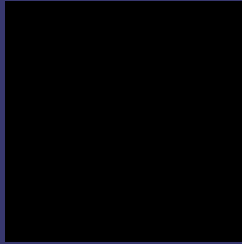
Any Text WCAG AA × Fail

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 38386F Background



This preview shows how black text looks on a background with the Hex color 38386F.

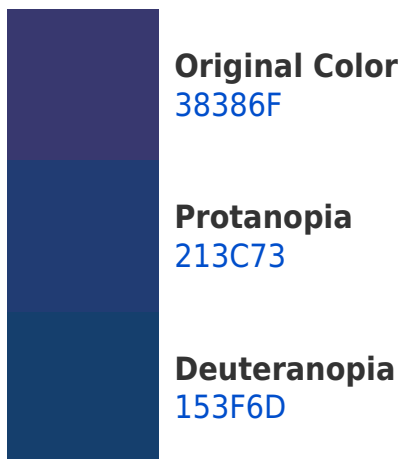


This preview shows how white text looks on a background with the Hex color 38386F.

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





Tritanopia
2C4247

Trichromacy



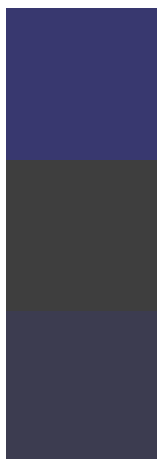
Original Color
38386F

Protanomaly
293B72

Deuteranomaly
223C6E

Tritanomaly
303E56

Monochromacy



Original Color
38386F

Achromatopsia
3E3E3E

Achromatomaly
3C3C50

CSS Examples

Text

The CSS property to change the color of the text to Hex 38386F 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 #38386F looks like.

```
.text, #text, p{  
    color:#38386F  
}
```

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 #38386F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38386F
}
```

Border

The CSS property to change the border of an element to Hex 38386F 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
#38386F }
```

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

```
.border{ border-color:#38386F }
```

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

Here you see how a box with a 4 pixel #38386F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38386F; -webkit-box-shadow:4px 4px  
4px 4px #38386F; box-shadow:4px 4px 4px  
4px #38386F }
```

Background

The CSS property to change the background color of an element to Hex 38386F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38386F }
```

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

```
.background{ background-color:#38386F }
```

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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