

Converting Colors

Hex(38075F)

Have a look what the booklet for
Hex(38075F) contains.

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Color

Hex(38075F)

Conversions

Conversions Part 1

Format	Color
Hex	38075F
RGB	56, 7, 95
RGB Percent	22%, 3%, 37%
CMY	0.7804, 0.9725, 0.6275
CMYK	0.41, 0.93, 0.00, 0.63
HSL	273°, 86%, 20%
HSV	273°, 93%, 37%
XYZ	3.7724, 1.8189, 10.9787
YIQ	31.6830, 0.9560, 37.7560

Conversions

Conversions Part 2

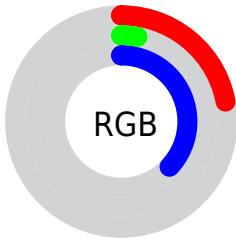
Format	Color
R_{YB}	56, 7, 95
Decimal	3671903
CIE _{Lab}	14.51, 39.06, -40.49
CIE _{LCh}	15, 56.259, 313.970
Yxy	1.8189, 0.2277, 0.1098
Android (android.graphics.Color)	4281861983 (0xFF38075F)
YUV	31.6830, 31.2153, 21.3260
Hunter-Lab	13.4868, 26.3268, -38.8235




Details

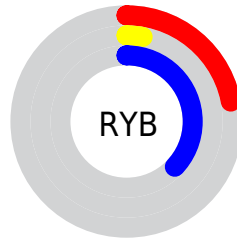
The Hex color **38075F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2E5F07**, and the grayscale version is **1F1F1F**.




A 20% lighter version of the original color is **6C3A92**, and **000030** is the 20% darker color. If you saturate the color by 10%, you get **35005F**, and if you desaturate by 10%, it is **3C105F**.

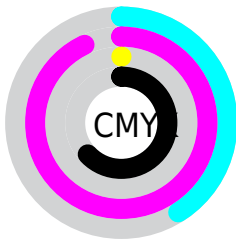
Distribution







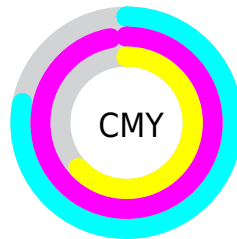
-  Red (22%)
-  Green (3%)
-  Blue (37%)






-  Red (22%)
-  Yellow (3%)
-  Blue (37%)



-  Cyan (41%)
-  Magenta (93%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (78%)
-  Magenta (97%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38075F 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 38075F by changing the saturation by 10% instead.

 38075F

 38075F

 FFF4FF

 1F0047

 6C3A92

 000030

 8652AD

 00011A

 A26BC9

 000000

 BE85E5

 DAA0FF

 F7BBFF

 FFD7FF

 38075F

 38075F

■ 35005F

■ 3C105F

■ 401A5F

■ 45235F

■ 492D5F

■ 4D375F

■ 51405F

■ 554A5F

■ 5A535F

■ 5E5D5F

Harmonies

Analogous

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



002574



38075F



5C003C

Triad

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



38075F



3F1B00



003437

Complementary

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



38075F



2E5F07

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.



00320B



38075F



1D2900

Square

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



38075F



580000



002F00



00335C

Rectangle

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



38075F



640022



002F00



003329

Sweetspot

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



38075F



6B587A



072F5F



34283D



BDBDBD



3D3D3D

Same Dimension

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



38075F



44007A



5F075B



2E2C30



3E0070



8500F0

Inverse Universe

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



5F072E



7A0036



075F0B



302C2E



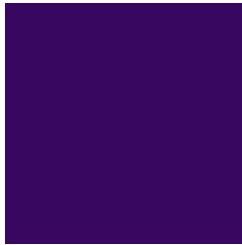
700032



F0006A

Previews

White Background



This preview shows how the Hex color 38075F looks on a white background.

Color Contrast Check

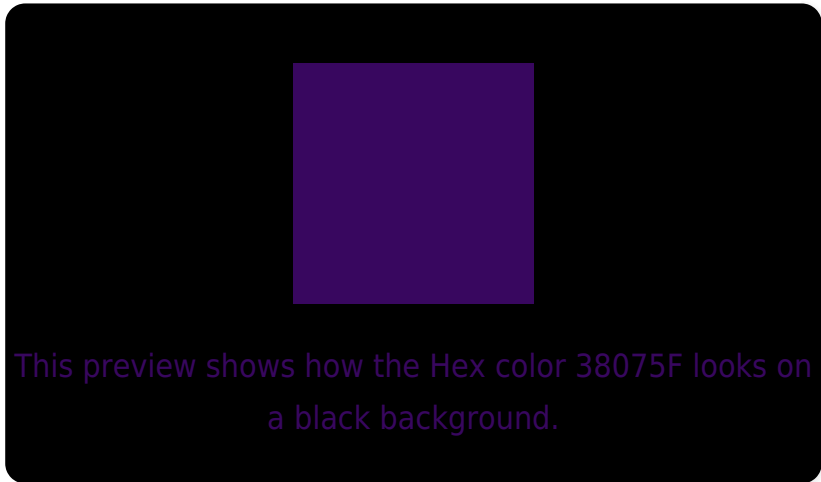
Large Text (above 18pt) WCAG AA ✓ Pass

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

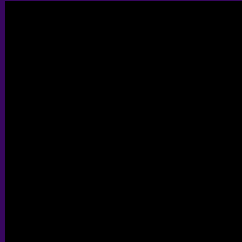
Any Text WCAG AA × Fail

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 38075F Background



This preview shows how black text looks on a background with the Hex color 38075F.



This preview shows how white text looks on a background with the Hex color 38075F.

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
38075F

Protanopia
002650

Deuteranopia
002845

Trichromacy



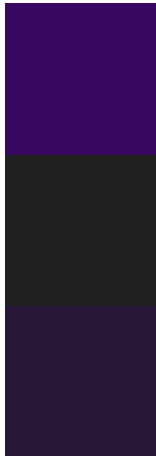
Original Color
38075F

Protanomaly
141B55

Deuteranomaly
141C4E

Tritanomaly
301A3C

Monochromacy



Original Color
38075F

Achromatopsia
202020

Achromatomaly
291737

CSS Examples

Text

The CSS property to change the color of the text to Hex 38075F 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 #38075F looks like.

```
.text, #text, p{  
    color:#38075F  
}
```

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 #38075F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38075F
}
```

Border

The CSS property to change the border of an element to Hex 38075F is called "border". The border property can be set on classes, ids or directly on the HTML element.

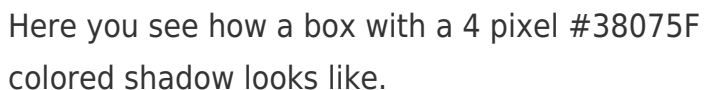
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38075F }
```

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

```
.border{ border-color:#38075F }
```

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



Here you see how a box with a 4 pixel `#38075F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38075F; -webkit-box-shadow:4px 4px  
4px 4px #38075F; box-shadow:4px 4px 4px  
4px #38075F }
```

Background

The CSS property to change the background color of an element to Hex 38075F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38075F }
```

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

```
.background{ background-color:#38075F }
```

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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