

Converting Colors

Hex(38475F)

Have a look what the booklet for
Hex(38475F) contains.

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Color

Hex(38475F)

Conversions

Conversions Part 1

Format	Color
Hex	38475F
RGB	56, 71, 95
RGB Percent	22%, 28%, 37%
CMY	0.7804, 0.7216, 0.6275
CMYK	0.41, 0.25, 0.00, 0.63
HSL	217°, 26%, 30%
HSV	217°, 41%, 37%
XYZ	5.9497, 6.1735, 11.7045
YIQ	69.2510, -16.6440, 4.2840

Conversions

Conversions Part 2

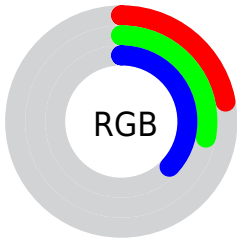
Format	Color
R _Y B	56, 67, 95
Decimal	3688287
CIE Lab	29.85, 0.92, -16.05
CIE LCh	30, 16.077, 273.267
Yxy	6.1735, 0.2497, 0.2591
Android (android.graphics.Color)	4281878367 (0xFF38475F)
YUV	69.2510, 12.6943, -11.6211
Hunter-Lab	24.8464, -0.7380, -10.5374

Details

The Hex color **38475F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5F5038**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **697792**, and **091C31** is the 20% darker color. If you saturate the color by 10%, you get **2F415F**, and if you desaturate by 10%, it is **424D5F**.

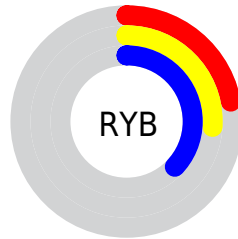
Distribution



Red (22%)

Green (28%)

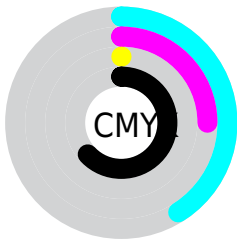
Blue (37%)



Red (22%)

Yellow (26%)

Blue (37%)

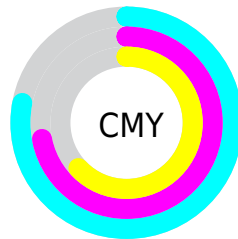


Cyan (41%)

Magenta (25%)

Yellow (0%)

Black (63%)



Cyan (78%)

Magenta (72%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38475F 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 38475F by changing the saturation by 10% instead.

■ 38475F

■ 38475F

FFFFFF

■ 213147

■ 697792

■ 091C31

■ 8291AC

■ 00011C

■ 9DABC7

■ 000000

■ B8C7E4

■ D4E3FF

■ F0FFFF

■ 38475F

■ 38475F

■ 2F415F

■ 424D5F

■ 253B5F

■ 4B535F

■ 1C355F

■ 55595F

■ 12305F

■ 5E5E5F

■ 082A5F

■ 68645F

■ 00255F

■ 716A5F

■ 7B705F

■ 84765F

■ 8E7C5F

Harmonies

Analogous

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



264B5C



38475F



4A435B

Triad

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



38475F



5F3E39



324C3B

Complementary

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



38475F



5F5038

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.



404A31



38475F



584230

Square

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



38475F



5E3D45



4E462D



244D47

Rectangle

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



38475F



544055



4E462D



374B37

Sweetspot

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



38475F



6C717A



385F4F



35383D



BDBDBD



3D3D3D

Same Dimension

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



38475F



3E557A



3C385F



2C2D30



002B70



005CF0

Inverse Universe

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



5F3847



7A3E55



5B5F38



302C2D



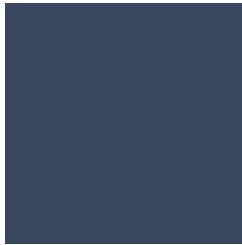
70002B



F0005C

Previews

White Background



This preview shows how the Hex color 38475F looks on a white background.

Color Contrast Check

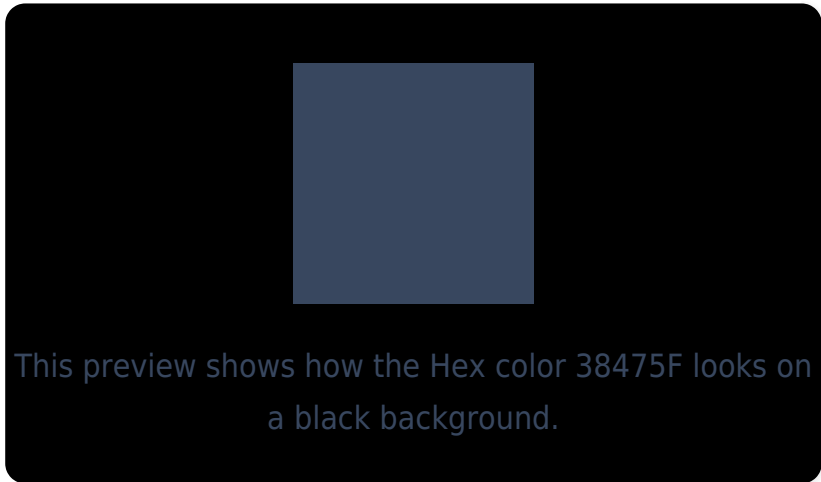
Large Text (above 18pt) WCAG AA ✓ Pass

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

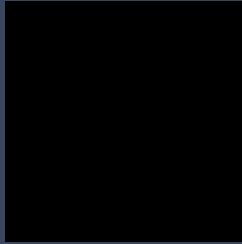
Any Text WCAG AA × Fail

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 38475F Background



This preview shows how black text looks on a background with the Hex color 38475F.

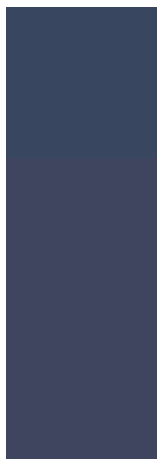


This preview shows how white text looks on a background with the Hex color 38475F.

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](#).

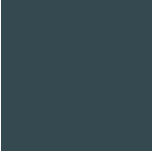
Dichromacy



Original Color
38475F

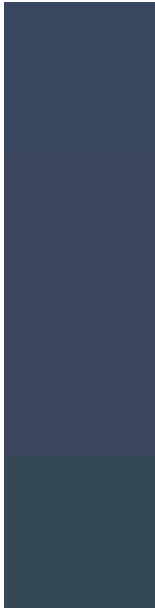
Protanopia
3F455E

Deuteranopia
3F455F



Tritanopia
344A50

Trichromacy



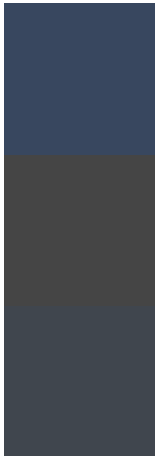
Original Color
38475F

Protanomaly
3C465E

Deuteranomaly
3C465F

Tritanomaly
354955

Monochromacy



Original Color
38475F

Achromatopsia
454545

Achromatomaly
40464E

CSS Examples

Text

The CSS property to change the color of the text to Hex 38475F 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 #38475F looks like.

```
.text, #text, p{  
    color:#38475F  
}
```

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 #38475F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38475F
}
```

Border

The CSS property to change the border of an element to Hex 38475F 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
#38475F }
```

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

```
.border{ border-color:#38475F }
```

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

Here you see how a box with a 4 pixel #38475F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38475F; -webkit-box-shadow:4px 4px  
4px 4px #38475F; box-shadow:4px 4px 4px  
4px #38475F }
```

Background

The CSS property to change the background color of an element to Hex 38475F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38475F }
```

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

```
.background{ background-color:#38475F }
```

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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