

Converting Colors

Hex(37475F)

Have a look what the booklet for
Hex(37475F) contains.

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Color

Hex(37475F)

Conversions

Conversions Part 1

Format	Color
Hex	37475F
RGB	55, 71, 95
RGB Percent	22%, 28%, 37%
CMY	0.7843, 0.7216, 0.6275
CMYK	0.42, 0.25, 0.00, 0.63
HSL	216°, 27%, 29%
HSV	216°, 42%, 37%
XYZ	5.8943, 6.1449, 11.7019
YIQ	68.9520, -17.2400, 4.0720

Conversions

Conversions Part 2

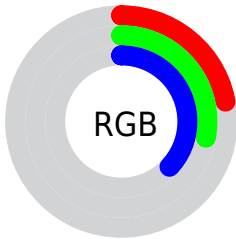
Format	Color
R_{YB}	55, 66, 95
Decimal	3622751
CIE Lab	29.78, 0.60, -16.17
CIE LCh	30, 16.177, 272.139
Yxy	6.1449, 0.2483, 0.2588
Android (android.graphics.Color)	4281812831 (0xFF37475F)
YUV	68.9520, 12.8417, -12.2359
Hunter-Lab	24.7890, -0.9368, -10.6362

Details

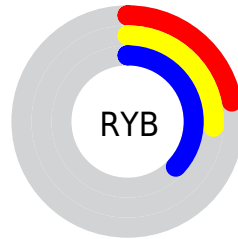
The Hex color **37475F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5F4F37**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **687792**, and **081C31** is the 20% darker color. If you saturate the color by 10%, you get **2E415F**, and if you desaturate by 10%, it is **414D5F**.

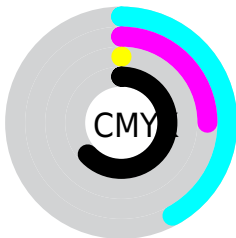
Distribution



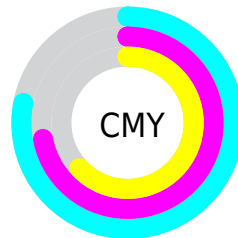
- Red (22%)
- Green (28%)
- Blue (37%)



- Red (22%)
- Yellow (26%)
- Blue (37%)



- Cyan (42%)
- Magenta (25%)
- Yellow (0%)
- Black (63%)



- Cyan (78%)
- Magenta (72%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37475F 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 37475F by changing the saturation by 10% instead.



37475F



37475F

FFFFFF



203147



687792



081C31



8191AC



00021C



9CABC7



000000



B7C7E4



D3E3FF



FFFFFF



37475F



37475F



2E415F



414D5F

■ 243C5F

■ 4A525F

■ 1A365F

■ 54585F

■ 11305F

■ 5D5E5F

■ 082B5F

■ 67645F

■ 00265F

■ 70695F

■ 7A6F5F

■ 83755F

■ 8D7A5F

Harmonies

Analogous

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



254B5C



37475F



49435B

Triad

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



37475F



5F3E39



324C3A

Complementary

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



37475F



5F4F37

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.



414931



37475F



594130

Square

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



37475F



5E3D46



4E462D



244D47

Rectangle

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



37475F



534056



4E462D



374B36

Sweetspot

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



37475F



6A717A



375F4F



33373D



BDBDBD



3D3D3D

Same Dimension

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



37475F



3C557A



3B375F



2C2E30



002D70



0060F0

Inverse Universe

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



5F3747



7A3C55



5B5F37



302C2E



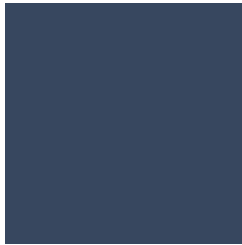
70002D



F00060

Previews

White Background



This preview shows how the Hex color 37475F looks on a white background.

Color Contrast Check

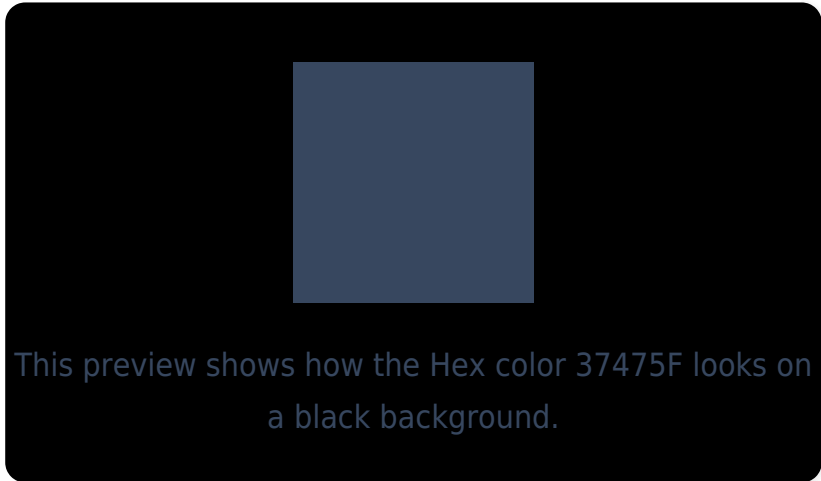
Large Text (above 18pt) WCAG AA ✓ Pass

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

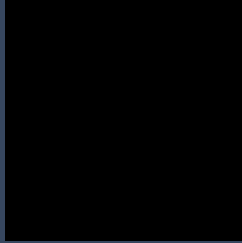
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

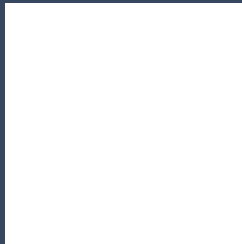
Any Text WCAG AAA × Fail

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

Hex 37475F Background



This preview shows how black text looks on a background with the Hex color 37475F.

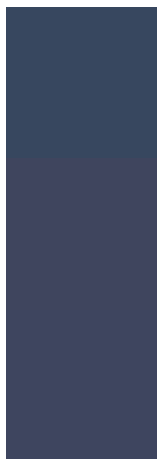


This preview shows how white text looks on a background with the Hex color 37475F.

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

37475F

Protanopia

3F455E

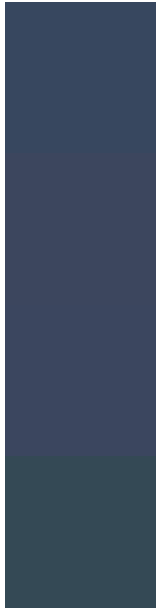
Deuteranopia

3E455F



Tritanopia
334A50

Trichromacy



Original Color
37475F

Protanomaly
3C465E

Deuteranomaly
3B465F

Tritanomaly
344955

Monochromacy



Original Color
37475F

Achromatopsia
454545

Achromatomaly
40464E

CSS Examples

Text

The CSS property to change the color of the text to Hex 37475F 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 #37475F looks like.

```
.text, #text, p{  
    color:#37475F  
}
```

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 #37475F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37475F
}
```

Border

The CSS property to change the border of an element to Hex 37475F is called "border". The border property can be set on classes, ids or directly on the HTML element.

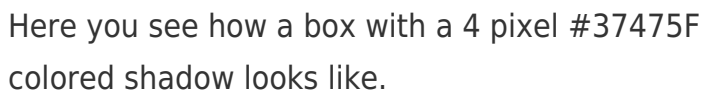
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37475F }
```

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

```
.border{ border-color:#37475F }
```

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



Here you see how a box with a 4 pixel `#37475F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37475F; -webkit-box-shadow:4px 4px  
4px 4px #37475F; box-shadow:4px 4px 4px  
4px #37475F }
```

Background

The CSS property to change the background color of an element to Hex 37475F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37475F }
```

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

```
.background{ background-color:#37475F }
```

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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