

Converting Colors

Hex(38455C)

Have a look what the booklet for
Hex(38455C) contains.

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Color

Hex(38455C)

Conversions

Conversions Part 1

Format	Color
Hex	38455C
RGB	56, 69, 92
RGB Percent	22%, 27%, 36%
CMY	0.7804, 0.7294, 0.6392
CMYK	0.39, 0.25, 0.00, 0.64
HSL	218°, 24%, 29%
HSV	218°, 39%, 36%
XYZ	5.6908, 5.8697, 10.9582
YIQ	67.7350, -15.1310, 4.3970

Conversions

Conversions Part 2

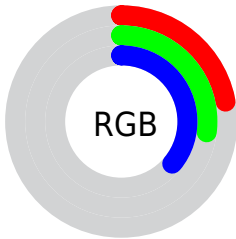
Format	Color
RYB	56, 66, 92
Decimal	3687772
CIELab	29.08, 1.29, -15.30
CIELCh	29, 15.358, 274.816
Yxy	5.8697, 0.2527, 0.2607
Android (android.graphics.Color)	4281877852 (0xFF38455C)
YUV	67.7350, 11.9626, -10.2916
Hunter-Lab	24.2275, -0.4703, -9.8580

Details

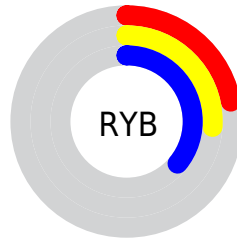
The Hex color **38455C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5C4F38**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **68758E**, and **0A1A2E** is the 20% darker color. If you saturate the color by 10%, you get **2F3F5C**, and if you desaturate by 10%, it is **414B5C**.

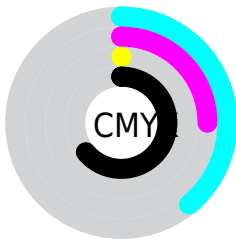
Distribution



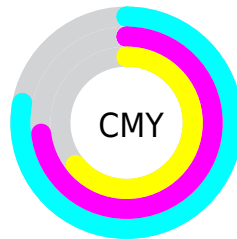
- Red (22%)
- Green (27%)
- Blue (36%)



- Red (22%)
- Yellow (26%)
- Blue (36%)



- Cyan (39%)
- Magenta (25%)
- Yellow (0%)
- Black (64%)



- Cyan (78%)
- Magenta (73%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38455C 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 38455C by changing the saturation by 10% instead.

■ 38455C

■ 38455C

FFFFFF

■ 212F44

■ 68758E

■ 0A1A2E

■ 828FA9

■ 00011A

■ 9CA9C4

■ 000000

■ B7C4E0

■ D3E0FD

■ F0DFDF

■ 38455C

■ 38455C

■ 2F3F5C

■ 414B5C

■ 26395C

■ 4A515C

■ 1C335C

■ 54575C

■ 132D5C

■ 5D5D5C

■ 0A285C

■ 66625C

■ 01225C

■ 6F685C

■ 00215C

■ 786E5C

■ 82745C

■ 8B7A5C

Harmonies

Analogous

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



27485A



38455C



494158

Triad

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



38455C



5C3D38



304A3A

Complementary

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



38455C



5C4F38

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.



3E4831



38455C



55402F

Square

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



38455C



5C3C43



4B442D



244B46

Rectangle

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



38455C



523E52



4B442D



354A37

Sweetspot

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



38455C



696F78



385C4F



35383D



BDBDBD



3D3D3D

Same Dimension

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



38455C



405478



3D385C



292B2E



00286E



0056ED

Inverse Universe

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



5C3845



784054



575C38



2E292B



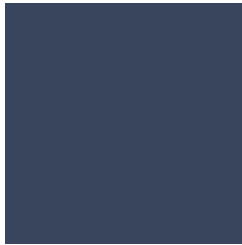
6E0028



ED0056

Previews

White Background



This preview shows how the Hex color 38455C looks on a white background.

Color Contrast Check

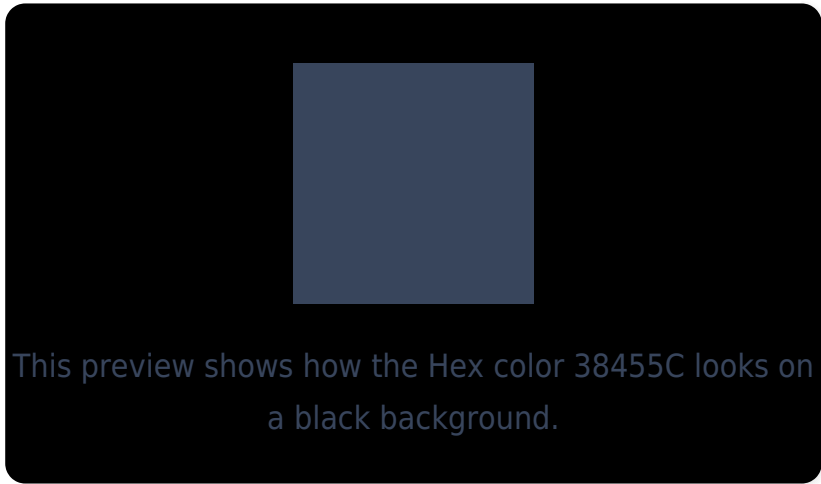
Large Text (above 18pt) WCAG AA ✓ Pass

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

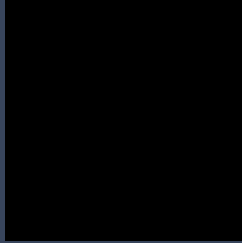
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

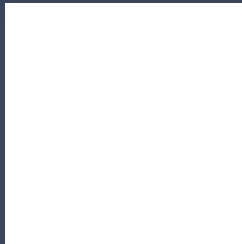
Any Text WCAG AAA × Fail

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

Hex 38455C Background



This preview shows how black text looks on a background with the Hex color 38455C.

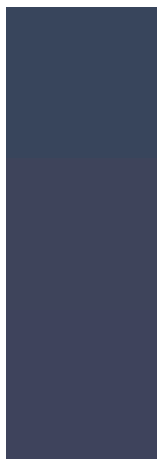


This preview shows how white text looks on a background with the Hex color 38455C.

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](#).

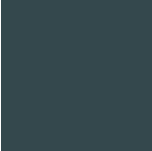
Dichromacy



Original Color
38455C

Protanopia
3E445B

Deuteranopia
3E435C



Tritanopia
34484D

Trichromacy



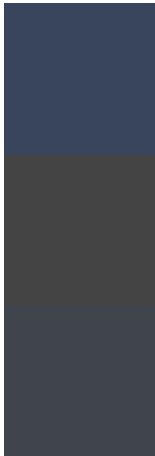
Original Color
38455C

Protanomaly
3C445B

Deuteranomaly
3C445C

Tritanomaly
354752

Monochromacy



Original Color
38455C

Achromatopsia
444444

Achromatomaly
40444D

CSS Examples

Text

The CSS property to change the color of the text to Hex 38455C 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 #38455C looks like.

```
.text, #text, p{  
    color:#38455C  
}
```

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 #38455C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38455C
}
```

Border

The CSS property to change the border of an element to Hex 38455C is called "border". The border property can be set on classes, ids or directly on the HTML element.

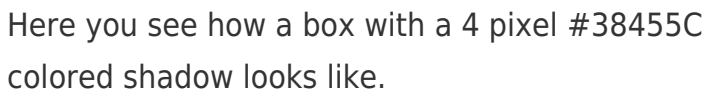
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38455C }
```

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

```
.border{ border-color:#38455C }
```

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



Here you see how a box with a 4 pixel #38455C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38455C; -webkit-box-shadow:4px 4px  
4px 4px #38455C; box-shadow:4px 4px 4px  
4px #38455C }
```

Background

The CSS property to change the background color of an element to Hex 38455C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38455C }
```

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

```
.background{ background-color:#38455C }
```

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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