

Converting Colors

Hex(38455D)

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

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Color

Hex(38455D)

Conversions

Conversions Part 1

Format	Color
Hex	38455D
RGB	56, 69, 93
RGB Percent	22%, 27%, 36%
CMY	0.7804, 0.7294, 0.6353
CMYK	0.40, 0.26, 0.00, 0.64
HSL	219°, 25%, 29%
HSV	219°, 40%, 36%
XYZ	5.7348, 5.8873, 11.1900
YIQ	67.8490, -15.4520, 4.7080

Conversions

Conversions Part 2

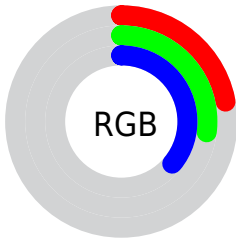
Format	Color
RYB	56, 66, 93
Decimal	3687773
CIELab	29.13, 1.60, -15.88
CIELCh	29, 15.958, 275.748
Yxy	5.8873, 0.2514, 0.2581
Android (android.graphics.Color)	4281877853 (0xFF38455D)
YUV	67.8490, 12.3994, -10.3916
Hunter-Lab	24.2638, -0.2728, -10.3589

Details

The Hex color **38455D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5D5038**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **68758F**, and **0A1A2F** is the 20% darker color. If you saturate the color by 10%, you get **2F3F5D**, and if you desaturate by 10%, it is **414B5D**.

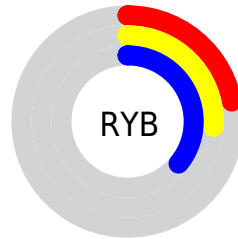
Distribution



Red (22%)

Green (27%)

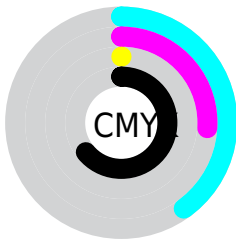
Blue (36%)



Red (22%)

Yellow (26%)

Blue (36%)

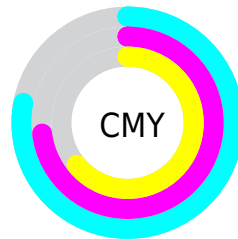


Cyan (40%)

Magenta (26%)

Yellow (0%)

Black (64%)



Cyan (78%)

Magenta (73%)

Yellow (64%)

Brightness & Saturation Gradients

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

■ 38455D

■ 38455D

FFFFFF

■ 212F45

■ 68758F

■ 0A1A2F

■ 828FAA

■ 00011A

■ 9CA9C5

■ 000000

■ B7C4E1

■ D3E0FE

■ F0FDFD

■ 38455D

■ 38455D

■ 2F3F5D

■ 414B5D

■ 25395D

■ 4B515D

■ 1C335D

■ 54575D

■ 132D5D

■ 5D5D5D

■ 0A275D

■ 67635D

■ 00215D

■ 70695D

■ 796F5D

■ 82755D

■ 8C7B5D

Harmonies

Analogous

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



26495B



38455D



494159

Triad

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



38455D



5C3D37



2F4B3A

Complementary

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



38455D



5D5038

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.



3E4830



38455D



56402E

Square

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



38455D



5D3B43



4B452C



224B47

Rectangle

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



38455D



533E53



4B452C



344A36

Sweetspot

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



38455D



696F78



385D4F



35383D



BDBDBD



3D3D3D

Same Dimension

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



38455D



3E5378



3D385D



292B2E



00276E



0053ED

Inverse Universe

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



5D3845



783E53



585D38



2E292B



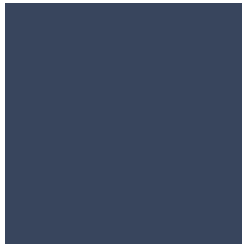
6E0027



ED0053

Previews

White Background



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

Color Contrast Check

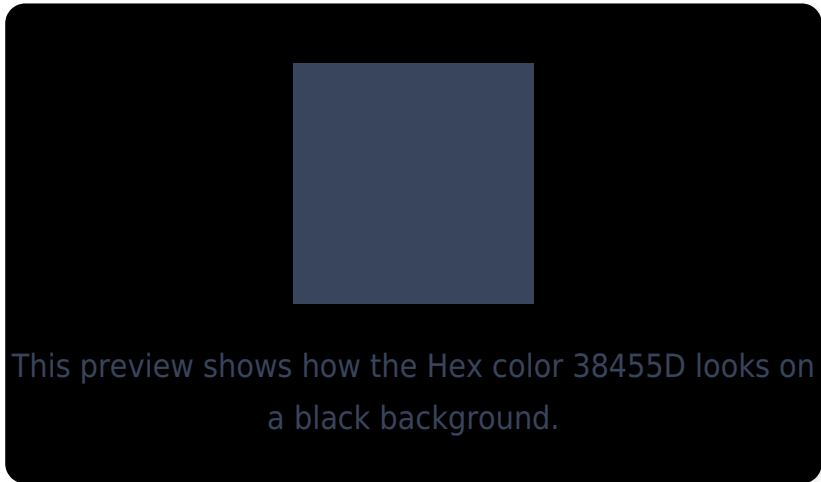
Large Text (above 18pt) WCAG AA ✓ Pass

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

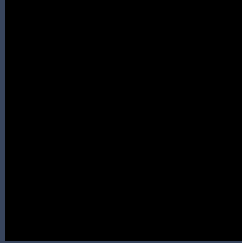
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

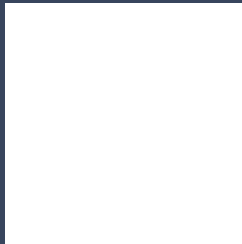
Any Text WCAG AAA × Fail

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

Hex 38455D Background



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

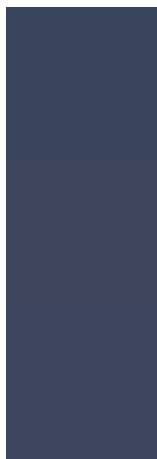


This preview shows how white text looks on a background with the Hex color 38455D.

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
38455D

Protanopia
3E445C

Deuteranopia
3D445D



Tritanopia
34484E

Trichromacy



Original Color

38455D

Protanomaly

3C445C

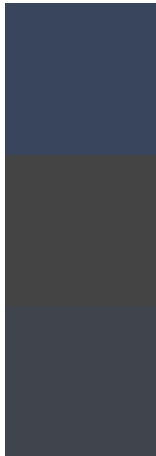
Deuteranomaly

3B445D

Tritanomaly

354753

Monochromacy



Original Color

38455D

Achromatopsia

444444

Achromatomaly

40444D

CSS Examples

Text

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

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

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 #38455D colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 38455D 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
#38455D }
```

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

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

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

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

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

Background

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

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

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

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

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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