

Converting Colors

Hex(38545B)

Have a look what the booklet for
Hex(38545B) contains.

Hex(38545B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(38545B)

Conversions

Conversions Part 1

Format	Color
Hex	38545B
RGB	56, 84, 91
RGB Percent	22%, 33%, 36%
CMY	0.7804, 0.6706, 0.6431
CMYK	0.38, 0.08, 0.00, 0.64
HSL	192°, 24%, 29%
HSV	192°, 38%, 36%
XYZ	6.6895, 7.9367, 11.0769
YIQ	76.4260, -18.9350, -3.7590

Conversions

Conversions Part 2

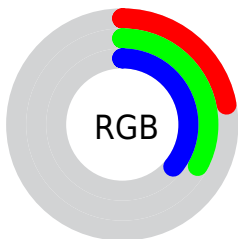
Format	Color
RYB	56, 72, 91
Decimal	3691611
CIELab	33.85, -8.44, -7.42
CIELCh	34, 11.232, 221.314
Yxy	7.9367, 0.2603, 0.3088
Android (android.graphics.Color)	4281881691 (0xFF38545B)
YUV	76.4260, 7.1850, -17.9136
Hunter-Lab	28.1722, -6.9162, -3.5914

Details


The Hex color **38545B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B3F38**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **69868D**, and **09272D** is the 20% darker color. If you saturate the color by 10%, you get **2F525B**, and if you desaturate by 10%, it is **41565B**.

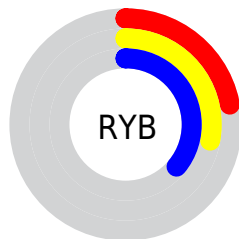
Distribution



 Red (22%)

 Green (33%)

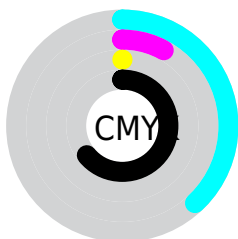
 Blue (36%)




 Red (22%)

 Yellow (28%)

 Blue (36%)

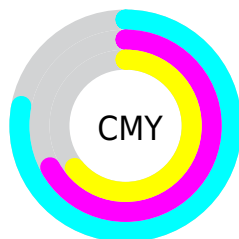



 Cyan (38%)


 Magenta (8%)

 Yellow (0%)

 Black (64%)



 Cyan (78%)

 Magenta (67%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38545B 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 38545B by changing the saturation by 10% instead.

■ 38545B

■ 38545B

FFFFFF

■ 213D44

■ 69868D

■ 09272D

■ 82A0A7

■ 001319

■ 9DBBC3

■ 000000

■ B8D6DF

■ D4F3FB

■ F0FFFF

■ 38545B

■ 38545B

■ 2F525B

■ 41565B

■ 26505B

■ 4A585B

■ 1D4F5B

■ 53595B

■ 144D5B

■ 5C5B5B

■ 0A4B5B

■ 665D5B

■ 01495B

■ 6F5F5B

■ 00495B

■ 78615B

■ 81635B

■ 8A645B

Harmonies

Analogous

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



395553



38545B



3F5260

Triad

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



38545B



5E4A56



53503E

Complementary

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



38545B



5B3F38

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.



5C4D3F



38545B



62494C

Square

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



38545B



554C5D



614B44



495342

Rectangle

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



38545B



465061



614B44



564F3E

Sweetspot

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



38545B



677275



385B3F



32393B



BABABA



3B3B3B

Same Dimension

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



38545B



3F6B75



38425B



292D2E



00586E



00BEED

Inverse Universe

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



5B3854



753F6B



5B5138



2E292D



6E0058



ED00BE

Previews

White Background



This preview shows how the Hex color 38545B looks on a white background.

Color Contrast Check

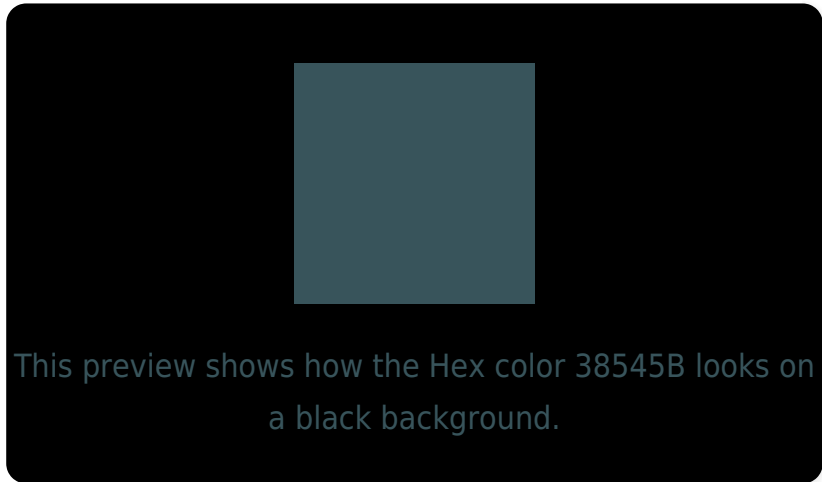
Large Text (above 18pt) WCAG AA ✓ Pass

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

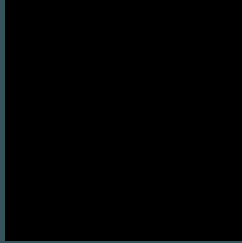
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

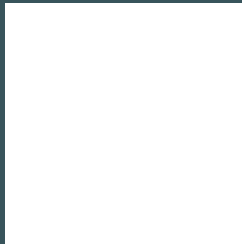
Any Text WCAG AAA × Fail

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

Hex 38545B Background



This preview shows how black text looks on a background with the Hex color 38545B.



This preview shows how white text looks on a background with the Hex color 38545B.

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
38545B

Protanopia
4E4F58

Deuteranopia
514D5C



Tritanopia
38545B

Trichromacy



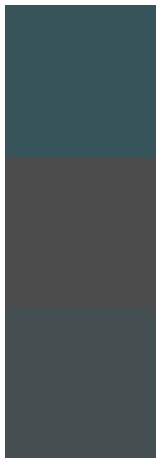
Original Color
38545B

Protanomaly
465159

Deuteranomaly
48505C

Tritanomaly
38545B

Monochromacy



Original Color
38545B

Achromatopsia
4C4C4C

Achromatomaly
454F51

CSS Examples

Text

The CSS property to change the color of the text to Hex 38545B 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 #38545B looks like.

```
.text, #text, p{  
    color:#38545B  
}
```

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 #38545B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38545B
}
```

Border

The CSS property to change the border of an element to Hex 38545B 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
#38545B }
```

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

```
.border{ border-color:#38545B }
```

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

Here you see how a box with a 4 pixel #38545B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38545B; -webkit-box-shadow:4px 4px  
4px 4px #38545B; box-shadow:4px 4px 4px  
4px #38545B }
```

Background

The CSS property to change the background color of an element to Hex 38545B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38545B }
```

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

```
.background{ background-color:#38545B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor