

# Converting Colors

Hex(38534C)

Have a look what the booklet for  
Hex(38534C) contains.

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# Color

Hex(38534C)

# Conversions

## Conversions Part 1

Format	Color
Hex	38534C
RGB	56, 83, 76
RGB Percent	22%, 33%, 30%
CMY	0.7804, 0.6745, 0.7020
CMYK	0.33, 0.00, 0.08, 0.67
HSL	164°, 19%, 27%
HSV	164°, 33%, 33%
XYZ	6.0287, 7.5491, 7.9768
YIQ	74.1290, -13.8450, -7.9010

# Conversions

## Conversions Part 2

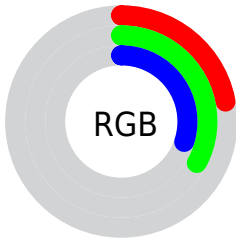
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 72, 83
Decimal	3691340
CIELab	33.03, -11.91, 0.84
CIElCh	33, 11.944, 175.964
Yxy	7.5491, 0.2797, 0.3502
Android (android.graphics.Color)	4281881420 (0xFF38534C)
YUV	74.1290, 0.9224, -15.8991
Hunter-Lab	27.4756, -8.9160, 2.0195

# Details

The Hex color **38534C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **53383F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **68857D**, and **0C2620** is the 20% darker color. If you saturate the color by 10%, you get **30534A**, and if you desaturate by 10%, it is **40534E**.

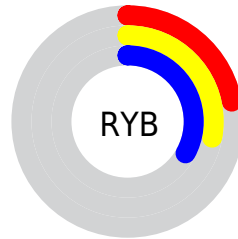
# Distribution



 Red (22%)

 Green (33%)

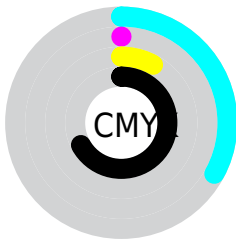
 Blue (30%)



 Red (22%)

 Yellow (28%)

 Blue (33%)

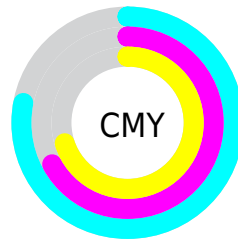


 Cyan (33%)

 Magenta (0%)

 Yellow (8%)

 Black (67%)



 Cyan (78%)

 Magenta (67%)

 Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38534C 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 38534C by changing the saturation by 10% instead.





38534C



38534C

FFFFFF



223C35



68857D



0C2620



819F97



001208



9CBAB1



000000



B7D5CD



D2F2E9



FFFFFF



38534C



38534C



30534A



40534E

■ 275348

■ 495350

■ 1F5346

■ 515352

■ 175343

■ 595355

■ 0E5341

■ 615357

■ 06533F

■ 6A5359

■ 00533D

■ 72535B

■ 7A535D

■ 83535F

# Harmonies

## Analogous

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



415243



38534C



345356

# Triad

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



38534C



4E4C5F



5E4A3E

# Complementary

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



38534C



53383F

# 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.



614746



38534C



594958

# Square

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



38534C



414F60



60474F



564D3B

# Rectangle

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



38534C



35525B



60474F



5F4941



# Sweetspot

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



38534C



606B68



3F5338



2F3634



B5B5B5



363636



# Same Dimension

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



38534C



416B60



384D53



252928



00694D



00E8AC



# Inverse Universe

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



53383F



6B414C



533E38



292526



69001B



E8003C



# Previews

## White Background



This preview shows how the Hex color 38534C looks on a white background.

## Color Contrast Check

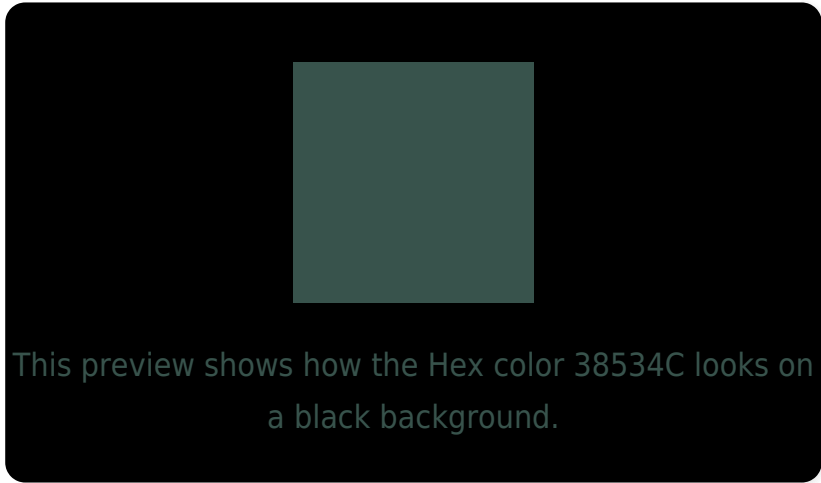
Large Text (above 18pt) WCAG AA ✓ Pass

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

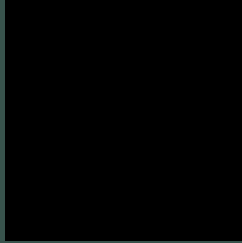
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 38534C Background



This preview shows how black text looks on a background with the Hex color 38534C.



This preview shows how white text looks on a background with the Hex color 38534C.

# 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**  
38534C

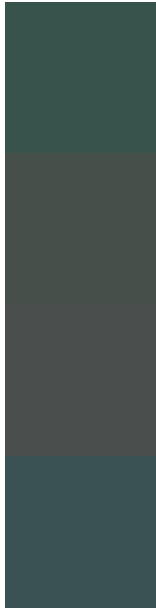
**Protanopia**  
504D49

**Deuteranopia**  
554B4E



**Tritanopia**  
3B5158

# Trichromacy



**Original Color**  
38534C

**Protanomaly**  
474F4A

**Deuteranomaly**  
4A4E4D

**Tritanomaly**  
3A5254

# Monochromacy



**Original Color**  
38534C

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
434D4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38534C 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 #38534C looks like.

```
.text, #text, p{  
    color:#38534C  
}
```

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 #38534C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38534C
}
```

## Border

The CSS property to change the border of an element to Hex 38534C is called "border". The border property can be set on classes, ids or directly on the HTML element.

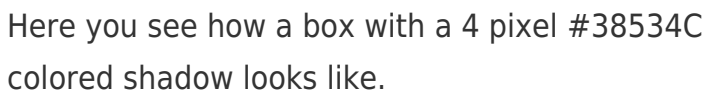
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38534C }
```

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

```
.border{ border-color:#38534C }
```

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



Here you see how a box with a 4 pixel #38534C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38534C; -webkit-box-shadow:4px 4px  
4px 4px #38534C; box-shadow:4px 4px 4px  
4px #38534C }
```

# Background

The CSS property to change the background color of an element to Hex 38534C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38534C }
```

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

```
.background{ background-color:#38534C }
```

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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