

# Converting Colors

Hex(38623B)

Have a look what the booklet for  
Hex(38623B) contains.

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# Color

**Hex(38623B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38623B
RGB	56, 98, 59
RGB Percent	22%, 38%, 23%
CMY	0.7804, 0.6157, 0.7686
CMYK	0.43, 0.00, 0.40, 0.62
HSL	124°, 27%, 30%
HSV	124°, 43%, 38%
XYZ	6.7880, 9.8919, 5.6892
YIQ	80.9960, -12.5130, -21.0330

# Conversions

## Conversions Part 2

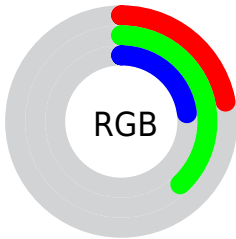
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 95, 98
Decimal	3695163
CIELab	37.65, -23.79, 17.73
CIELCh	38, 29.671, 143.315
Yxy	9.8919, 0.3035, 0.4422
Android (android.graphics.Color)	4281885243 (0xFF38623B)
YUV	80.9960, -10.8440, -21.9215
Hunter-Lab	31.4514, -16.5152, 11.2910

# Details

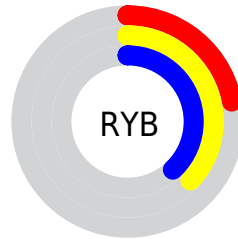
The Hex color **38623B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **62385F**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **69956B**, and **063310** is the 20% darker color. If you saturate the color by 10%, you get **2E6232**, and if you desaturate by 10%, it is **426244**.

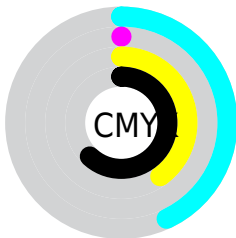
# Distribution



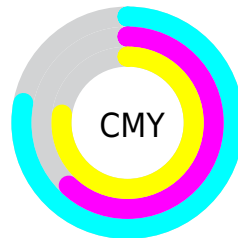
- Red (22%)
- Green (38%)
- Blue (23%)



- Red (22%)
- Yellow (37%)
- Blue (38%)



- Cyan (43%)
- Magenta (0%)
- Yellow (40%)
- Black (62%)



- Cyan (78%)
- Magenta (62%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38623B 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 38623B by changing the saturation by 10% instead.



 38623B

 38623B

FFFFFF

 204A25

 69956B

 063310

 83B084

 001F00

 9ECB9E

 000000

 B9E8B9

 D5FFD5

 F2FFF1

 38623B

 38623B

 2E6232

 426244

■ 246229

■ 4C624D

■ 1B6220

■ 556256

■ 116217

■ 5F625F

■ 07620D

■ 696269

■ 006207

■ 736272

■ 7D627B

■ 866284

■ 90628D

# Harmonies

## Analogous

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



545D2B



38623B



086552

# Triad

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



38623B



225D88



864647

# Complementary

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



38623B



62385F

# 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.



82455F



38623B



525485

# Square

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



38623B



00627E



714B75



7D4D33

# Rectangle

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



38623B



006563



714B75



86454F



# Sweetspot

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



38623B



6F8070



5F6238



364036



BFBFBF



404040



# Same Dimension

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



38623B



3E8043



386250



2C302C



007008



00F011



# Inverse Universe

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



62385F



803E7B



62384A



302C30



700068

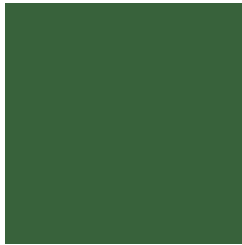


F000DF



# Previews

## White Background



This preview shows how the Hex color 38623B looks on a white background.

## Color Contrast Check

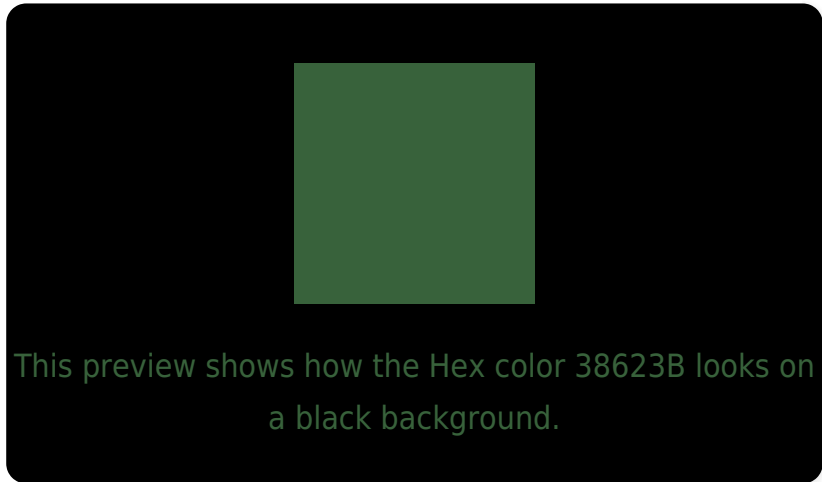
Large Text (above 18pt) WCAG AA ✓ Pass

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

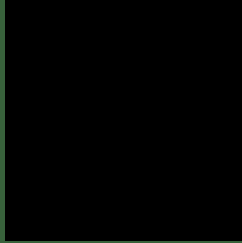
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 38623B Background



This preview shows how black text looks on a background with the Hex color 38623B.



This preview shows how white text looks on a background with the Hex color 38623B.

# 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**  
38623B

**Protanopia**  
605837

**Deuteranopia**  
69543E



**Tritanopia**  
415D65

# Trichromacy



**Original Color**  
38623B

**Protanomaly**  
515C38

**Deuteranomaly**  
57593D

**Tritanomaly**  
3E5F56

# Monochromacy



**Original Color**  
38623B

**Achromatopsia**  
515151

**Achromatomaly**  
485749

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38623B 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 #38623B looks like.

```
.text, #text, p{  
    color:#38623B  
}
```

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 #38623B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38623B  
}
```

## Border

The CSS property to change the border of an element to Hex 38623B 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  
#38623B }
```

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

```
.border{ border-color:#38623B }
```

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

Here you see how a box with a 4 pixel #38623B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38623B; -webkit-box-shadow:4px 4px  
4px 4px #38623B; box-shadow:4px 4px 4px  
4px #38623B }
```

# Background

The CSS property to change the background color of an element to Hex 38623B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38623B }
```

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

```
.background{ background-color:#38623B }
```

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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