

# Converting Colors

Hex(33623A)

Have a look what the booklet for  
Hex(33623A) contains.

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# Color

**Hex(33623A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	33623A
RGB	51, 98, 58
RGB Percent	20%, 38%, 23%
CMY	0.8000, 0.6157, 0.7725
CMYK	0.48, 0.00, 0.41, 0.62
HSL	129°, 32%, 29%
HSV	129°, 48%, 38%
XYZ	6.4966, 9.7447, 5.5415
YIQ	79.3870, -15.1720, -22.4040

# Conversions

## Conversions Part 2

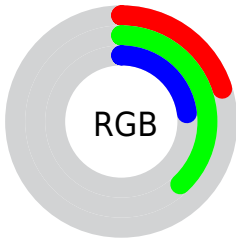
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 92, 98
Decimal	3367482
CIELab	37.38, -25.65, 17.92
CIELCh	37, 31.291, 145.067
Yxy	9.7447, 0.2982, 0.4474
Android (android.graphics.Color)	4281557562 (0xFF33623A)
YUV	79.3870, -10.5438, -24.8954
Hunter-Lab	31.2164, -17.4800, 11.3265

# Details

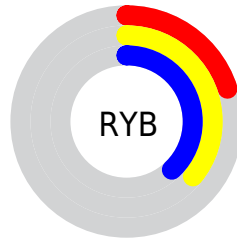
The Hex color **33623A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **62335B**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **65956A**, and **00330F** is the 20% darker color. If you saturate the color by 10%, you get **296232**, and if you desaturate by 10%, it is **3D6242**.

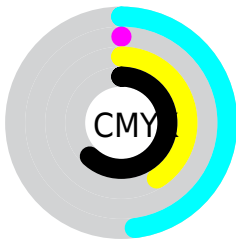
# Distribution



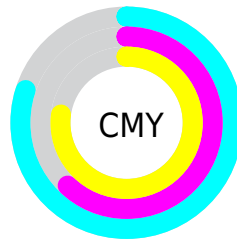
- Red (20%)
- Green (38%)
- Blue (23%)



- Red (20%)
- Yellow (36%)
- Blue (38%)



- Cyan (48%)
- Magenta (0%)
- Yellow (41%)
- Black (62%)



- Cyan (80%)
- Magenta (62%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 33623A 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 33623A by changing the saturation by 10% instead.





33623A



33623A

FFFFFF



1A4A24



65956A



00330F



7EB083



001F00



99CC9D



000000



B4E8B8



D0FFD4



EDFFF0



33623A



33623A



296232



3D6242

■ 1F6229

■ 47624B

■ 166221

■ 506253

■ 0C6219

■ 5A625B

■ 026210

■ 646264

■ 00620F

■ 6E626C

■ 786274

■ 81627D

■ 8B6285

# Harmonies

## Analogous

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



525D28



33623A



006553

# Triad

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



33623A



1E5C8A



874444

# Complementary

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



33623A



62335B

# 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.



84435D



33623A



535386

# Square

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



33623A



006281



734975



7D4C2F

# Rectangle

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



33623A



006564



734975



88434C



# Sweetspot

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



33623A



6E8070



5C6233



354037



BFBFBF



404040



# Same Dimension

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



33623A



368041



336251



2C302C



007011



00F024



# Inverse Universe

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



62335B



803674



623344



302C30



70005F



F000CC



# Previews

## White Background



This preview shows how the Hex color 33623A looks on a white background.

## Color Contrast Check

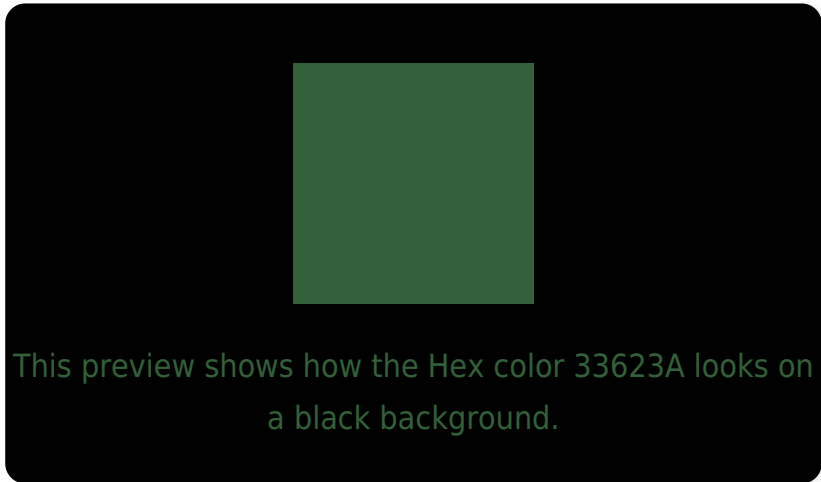
Large Text (above 18pt) WCAG AA ✓ Pass

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

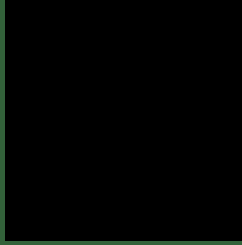
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 33623A Background



This preview shows how black text looks on a background with the Hex color 33623A.



This preview shows how white text looks on a background with the Hex color 33623A.

# 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**  
33623A

**Protanopia**  
605836

**Deuteranopia**  
68543D



# Trichromacy



**Original Color**  
33623A

**Protanomaly**  
505C37

**Deuteranomaly**  
55593C

**Tritanomaly**  
395F55

# Monochromacy



**Original Color**  
33623A

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
455647

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 33623A 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 #33623A looks like.

```
.text, #text, p{  
    color:#33623A  
}
```

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 #33623A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33623A
}
```

## Border

The CSS property to change the border of an element to Hex 33623A 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".

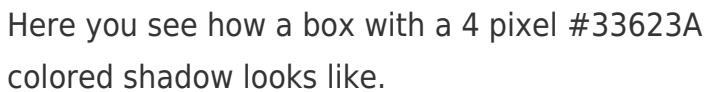
```
.border, #border, table{ border:4px solid
#33623A }
```

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

```
.border{ border-color:#33623A }
```

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

Here you see how a box with a 4 pixel #33623A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33623A; -webkit-box-shadow:4px 4px  
4px 4px #33623A; box-shadow:4px 4px 4px  
4px #33623A }
```

# Background

The CSS property to change the background color of an element to Hex 33623A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33623A }
```

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

```
.background{ background-color:#33623A }
```

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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