

# Converting Colors

Hex(35593D)

Have a look what the booklet for  
Hex(35593D) contains.

<b>Hex(35593D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(35593D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35593D
RGB	53, 89, 61
RGB Percent	21%, 35%, 24%
CMY	0.7922, 0.6510, 0.7608
CMYK	0.40, 0.00, 0.31, 0.65
HSL	133°, 25%, 28%
HSV	133°, 40%, 35%
XYZ	5.8829, 8.2386, 5.6950
YIQ	75.0440, -12.4680, -16.3400

# Conversions

## Conversions Part 2

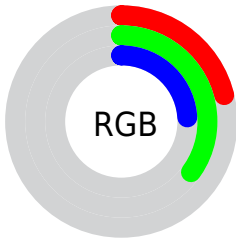
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 82, 89
Decimal	3496253
CIELab	34.47, -19.78, 12.23
CIElCh	34, 23.257, 148.273
Yxy	8.2386, 0.2969, 0.4157
Android (android.graphics.Color)	4281686333 (0xFF35593D)
YUV	75.0440, -6.9237, -19.3326
Hunter-Lab	28.7029, -13.6451, 8.3281

# Details

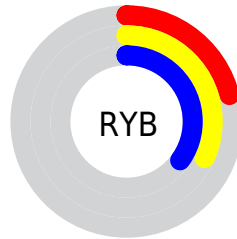
The Hex color **35593D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **593551**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **658B6D**, and **062B13** is the 20% darker color. If you saturate the color by 10%, you get **2C5936**, and if you desaturate by 10%, it is **3E5944**.

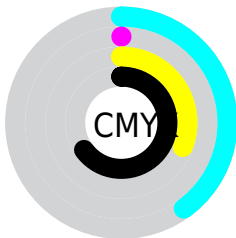
# Distribution



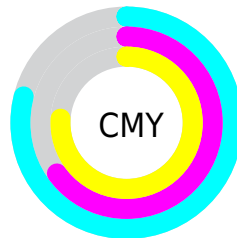
- Red (21%)
- Green (35%)
- Blue (24%)



- Red (21%)
- Yellow (32%)
- Blue (35%)



- Cyan (40%)
- Magenta (0%)
- Yellow (31%)
- Black (65%)



- Cyan (79%)
- Magenta (65%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35593D 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 35593D by changing the saturation by 10% instead.





35593D



35593D

FFFFFF



1E4127



658B6D



062B13



7FA686



001800



99C1A0



000000



B4DDBB



D0FAD7



ECFFF3



35593D



35593D



2C5936



3E5944

■ 23592F

■ 47594B

■ 1A5928

■ 505952

■ 115921

■ 595959

■ 09591A

■ 625960

■ 005914

■ 6A5967

■ 73596D

■ 7C5974

■ 85597B

# Harmonies

## Analogous

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



4B5530



35593D



1A5B4F

# Triad

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



35593D



335376



744441

# Complementary

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



35593D



593551

# 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.



734353



35593D



514D72

# Square

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



35593D



0D5870



674665



6D4932

# Rectangle

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



35593D



025B5C



674665



754346



# Sweetspot

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



35593D



657368



515935



323B34



BABABA



3B3B3B



# Same Dimension

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



35593D



3B7347



35594F



272B28



006B18



00EB34



# Inverse Universe

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



593551



733B66



59353F



2B272A



6B0053

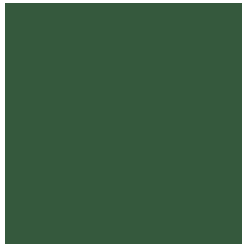


EB00B6



# Previews

## White Background



This preview shows how the Hex color 35593D looks on a white background.

## Color Contrast Check

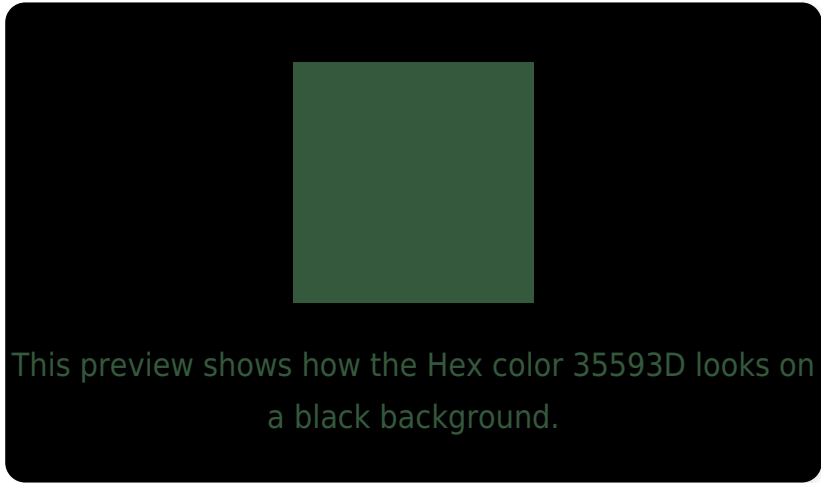
Large Text (above 18pt) WCAG AA ✓ Pass

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

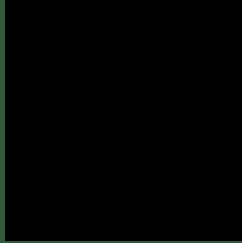
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 35593D Background



This preview shows how black text looks on a background with the Hex color 35593D.



This preview shows how white text looks on a background with the Hex color 35593D.

# 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**  
35593D

**Protanopia**  
575139

**Deuteranopia**  
5E4E40



**Tritanopia**  
3C555C

# Trichromacy



**Original Color**

35593D

**Protanomaly**

4B543A

**Deuteranomaly**

4F523F

**Tritanomaly**

395651

# Monochromacy



**Original Color**

35593D

**Achromatopsia**

4B4B4B

**Achromatomaly**

435046

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35593D 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 #35593D looks like.

```
.text, #text, p{  
    color:#35593D  
}
```

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 #35593D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35593D
}
```

## Border

The CSS property to change the border of an element to Hex 35593D 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
#35593D }
```

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

```
.border{ border-color:#35593D }
```

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

Here you see how a box with a 4 pixel #35593D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35593D; -webkit-box-shadow:4px 4px  
4px 4px #35593D; box-shadow:4px 4px 4px  
4px #35593D }
```

# Background

The CSS property to change the background color of an element to Hex 35593D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35593D }
```

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

```
.background{ background-color:#35593D }
```

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