

Converting Colors

Hex(33585A)

Have a look what the booklet for
Hex(33585A) contains.

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Color

Hex(33585A)

Conversions

Conversions Part 1

Format	Color
Hex	33585A
RGB	51, 88, 90
RGB Percent	20%, 35%, 35%
CMY	0.8000, 0.6549, 0.6471
CMYK	0.43, 0.02, 0.00, 0.65
HSL	183°, 28%, 28%
HSV	183°, 43%, 35%
XYZ	6.7004, 8.4214, 10.9452
YIQ	77.1650, -22.6940, -7.2220

Conversions

Conversions Part 2

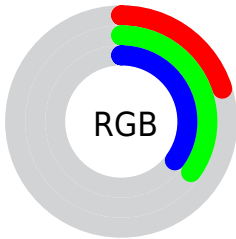
Format	Color
R_{YB}	51, 70, 90
Decimal	3364954
CIE Lab	34.85, -12.61, -5.33
CIE LCh	35, 13.692, 202.903
Yxy	8.4214, 0.2570, 0.3231
Android (android.graphics.Color)	4281555034 (0xFF33585A)
YUV	77.1650, 6.3277, -22.9467
Hunter-Lab	29.0197, -9.5702, -2.0483

Details

The Hex color **33585A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A3533**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **648A8C**, and **012A2D** is the 20% darker color. If you saturate the color by 10%, you get **2A585A**, and if you desaturate by 10%, it is **3C585A**.

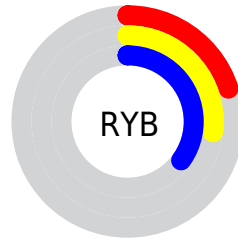
Distribution



Red (20%)

Green (35%)

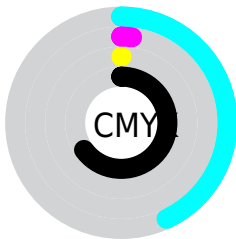
Blue (35%)



Red (20%)

Yellow (27%)

Blue (35%)

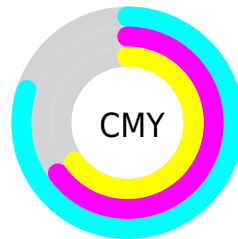


Cyan (43%)

Magenta (2%)

Yellow (0%)

Black (65%)



Cyan (80%)

Magenta (65%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33585A 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 33585A by changing the saturation by 10% instead.

■ 33585A

■ 33585A

FFFFFF

■ 1B4143

■ 648A8C

■ 012A2D

■ 7EA4A6

■ 001718

■ 98BFC1

■ 000000

■ B3DBDD

■ CFF8FA

■ ECFFFF

■ 33585A

■ 33585A

■ 2A585A

■ 3C585A

■ 21575A

■ 45595A

■ 18575A

■ 4E595A

■ 0F565A

■ 575A5A

■ 06565A

■ 605A5A

■ 00555A

■ 695B5A

■ 725B5A

■ 7B5C5A

■ 845C5A

Harmonies

Analogous

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



39584F



33585A



365763

Triad

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



33585A



5E4C5F



5D503C

Complementary

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



33585A



5A3533

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.



654D41



33585A



664A55

Square

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



33585A



505066



684A4A



51543E

Rectangle

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



33585A



3D5566



684A4A



604F3D

Sweetspot

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



33585A



667575



335A35



313A3B



BABABA



3B3B3B

Same Dimension

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



33585A



387275



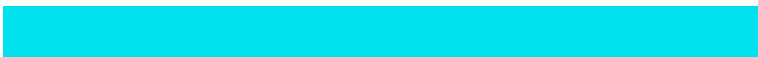
33455A



292E2E



00686E



00E1ED

Inverse Universe

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



5A3358



753872



5A4833



2E292E



6E0068



ED00E1

Previews

White Background



This preview shows how the Hex color 33585A looks on a white background.

Color Contrast Check

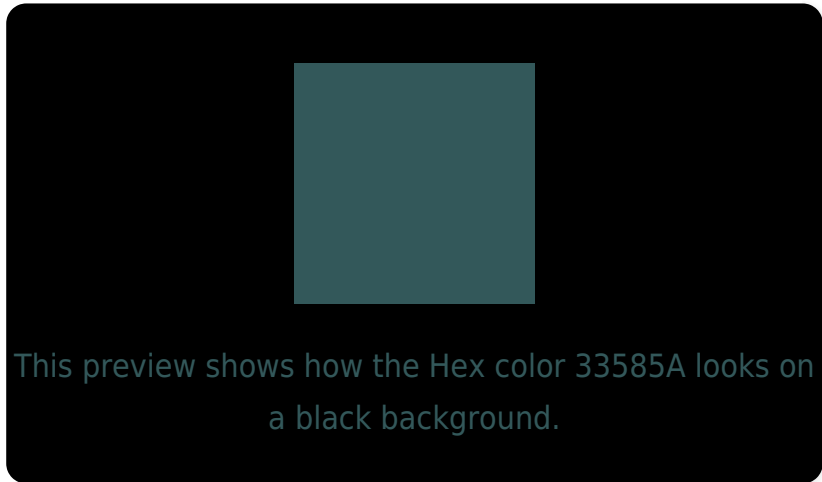
Large Text (above 18pt) WCAG AA ✓ Pass

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

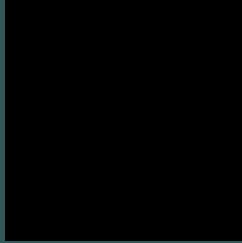
Any Text WCAG AA × Fail

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 33585A Background



This preview shows how black text looks on a background with the Hex color 33585A.



This preview shows how white text looks on a background with the Hex color 33585A.

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
33585A

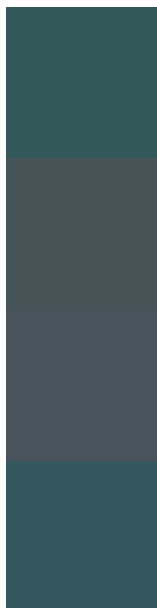
Protanopia
525156

Deuteranopia
55505C



Tritanopia
34575E

Trichromacy



Original Color

33585A

Protanomaly

475457

Deuteranomaly

49535B

Tritanomaly

34575D

Monochromacy



Original Color

33585A

Achromatopsia

4D4D4D

Achromatomaly

445152

CSS Examples

Text

The CSS property to change the color of the text to Hex 33585A 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 #33585A looks like.

```
.text, #text, p{  
    color:#33585A  
}
```

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 #33585A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33585A
}
```

Border

The CSS property to change the border of an element to Hex 33585A 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
#33585A }
```

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

```
.border{ border-color:#33585A }
```

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

Here you see how a box with a 4 pixel #33585A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33585A; -webkit-box-shadow:4px 4px  
4px 4px #33585A; box-shadow:4px 4px 4px  
4px #33585A }
```

Background

The CSS property to change the background color of an element to Hex 33585A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33585A }
```

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

```
.background{ background-color:#33585A }
```

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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