

Converting Colors

Hex(33597D)

Have a look what the booklet for
Hex(33597D) contains.

Hex(33597D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(33597D)

Conversions

Conversions Part 1

Format	Color
Hex	33597D
RGB	51, 89, 125
RGB Percent	20%, 35%, 49%
CMY	0.8000, 0.6510, 0.5098
CMYK	0.59, 0.29, 0.00, 0.51
HSL	209°, 42%, 35%
HSV	209°, 59%, 49%
XYZ	8.6393, 9.3292, 20.7474
YIQ	81.7420, -34.2040, 3.1400

Conversions

Conversions Part 2

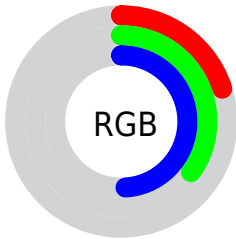
Format	Color
RYB	51, 76, 125
Decimal	3365245
CIELab	36.61, -1.96, -24.38
CIElCh	37, 24.459, 265.405
Yxy	9.3292, 0.2231, 0.2410
Android (android.graphics.Color)	4281555325 (0xFF33597D)
YUV	81.7420, 21.3262, -26.9607
Hunter-Lab	30.5438, -2.9630, -18.8931

Details

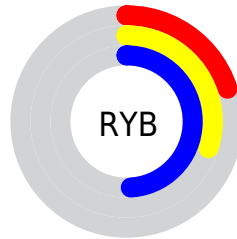
The Hex color **33597D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7D5733**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **688BB2**, and **002C4C** is the 20% darker color. If you saturate the color by 10%, you get **27537D**, and if you desaturate by 10%, it is **405F7D**.

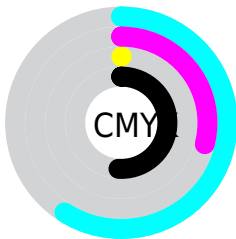
Distribution



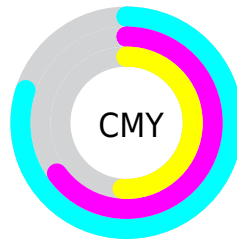
- Red (20%)
- Green (35%)
- Blue (49%)



- Red (20%)
- Yellow (30%)
- Blue (49%)



- Cyan (59%)
- Magenta (29%)
- Yellow (0%)
- Black (51%)



- Cyan (80%)
- Magenta (65%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33597D 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 33597D by changing the saturation by 10% instead.

■ 33597D

■ 33597D

FFFFFF

■ 164264

■ 688BB2

■ 002C4C

■ 82A5CD

■ 001835

■ 9DC0EA

■ 000220

■ B9DCFF

■ 000003

■ D6F8FF

■ 000000

■ F3FFFF

■ 33597D

■ 33597D

■ 27537D

■ 405F7D

■ 1A4D7D

■ 4C657D

■ 0E477D

■ 596B7D

■ 01417D

■ 65717D

■ 00407D

■ 72777D

■ 7E7D7D

■ 8B847D

■ 978A7D

■ A4907D

Harmonies

Analogous

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



065E76



33597D



54527A

Triad

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



33597D



7C4846



3B5E3F

Complementary

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



33597D



7D5733

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.



525A32



33597D



744D36

Square

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



33597D



7A475A



66542F



1F6052

Rectangle

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



33597D



654D72



66542F



435D3A

Sweetspot

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



33597D



8695A3



337D57



404952



D1D1D1



525252

Same Dimension

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



33597D



2F6BA3



33347D



393D40



004180



000000

Inverse Universe

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



7D3359



A32F6B



7D7C33



40393D



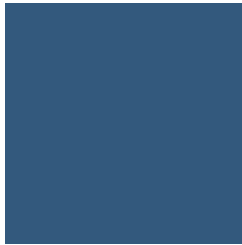
800041



000000

Previews

White Background



This preview shows how the Hex color 33597D looks on a white background.

Color Contrast Check

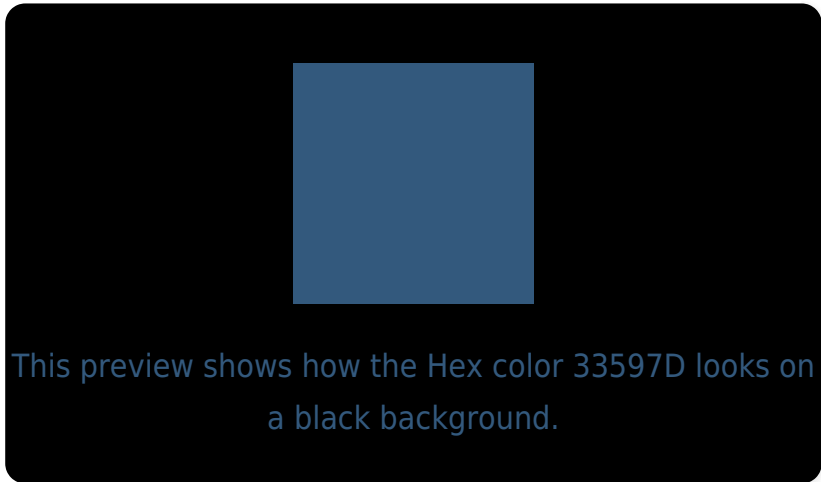
Large Text (above 18pt) WCAG AA ✓ Pass

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

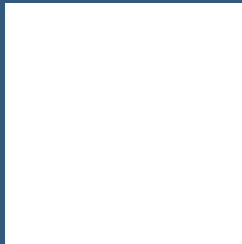
Any Text WCAG AAA × Fail

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

Hex 33597D Background



This preview shows how black text looks on a background with the Hex color 33597D.

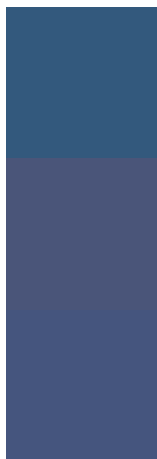


This preview shows how white text looks on a background with the Hex color 33597D.

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
33597D

Protanopia
4A5579

Deuteranopia
45557E



Tritanopia
295E65

Trichromacy



Original Color
33597D

Protanomaly
42567A

Deuteranomaly
3E567E

Tritanomaly
2D5C6E

Monochromacy



Original Color
33597D

Achromatopsia
525252

Achromatomaly
475562

CSS Examples

Text

The CSS property to change the color of the text to Hex 33597D 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 #33597D looks like.

```
.text, #text, p{  
    color:#33597D  
}
```

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 #33597D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33597D
}
```

Border

The CSS property to change the border of an element to Hex 33597D 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
#33597D }
```

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

```
.border{ border-color:#33597D }
```

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

Here you see how a box with a 4 pixel #33597D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33597D; -webkit-box-shadow:4px 4px  
4px 4px #33597D; box-shadow:4px 4px 4px  
4px #33597D }
```

Background

The CSS property to change the background color of an element to Hex 33597D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33597D }
```

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

```
.background{ background-color:#33597D }
```

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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