

Converting Colors

Hex(34596C)

Have a look what the booklet for
Hex(34596C) contains.

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Color

Hex(34596C)

Conversions

Conversions Part 1

Format	Color
Hex	34596C
RGB	52, 89, 108
RGB Percent	20%, 35%, 42%
CMY	0.7961, 0.6510, 0.5765
CMYK	0.52, 0.18, 0.00, 0.58
HSL	200°, 35%, 31%
HSV	200°, 52%, 42%
XYZ	7.6953, 8.9575, 15.5107
YIQ	80.1030, -28.1510, -1.9350

Conversions

Conversions Part 2

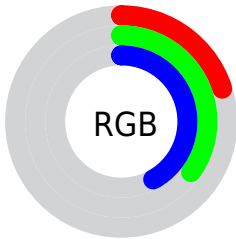
Format	Color
RYB	52, 74, 108
Decimal	3430764
CIELab	35.90, -7.41, -14.97
CIElCh	36, 16.701, 243.652
Yxy	8.9575, 0.2393, 0.2785
Android (android.graphics.Color)	4281620844 (0xFF34596C)
YUV	80.1030, 13.7532, -24.6463
Hunter-Lab	29.9291, -6.4804, -9.7766

Details

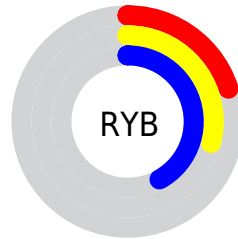
The Hex color **34596C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C4734**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **668B9F**, and **002C3D** is the 20% darker color. If you saturate the color by 10%, you get **29556C**, and if you desaturate by 10%, it is **3F5D6C**.

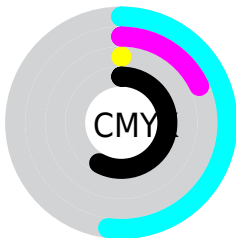
Distribution



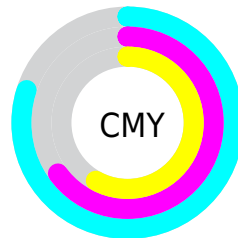
- Red (20%)
- Green (35%)
- Blue (42%)



- Red (20%)
- Yellow (29%)
- Blue (42%)



- Cyan (52%)
- Magenta (18%)
- Yellow (0%)
- Black (58%)



- Cyan (80%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34596C 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 34596C by changing the saturation by 10% instead.

■ 34596C

■ 34596C

FFFFFF

■ 1A4254

■ 668B9F

■ 002C3D

■ 81A5BA

■ 001727

■ 9BC0D6

■ 000112

■ B7DCF3

■ 000000

■ D3F9FF

■ EFFFFFF

■ 34596C

■ 34596C

■ 29556C

■ 3F5D6C

■ 1E526C

■ 4A606C

■ 144E6C

■ 54646C

■ 094A6C

■ 5F686C

■ 00476C

■ 6A6B6C

■ 756F6C

■ 80736C

■ 8A766C

■ 957A6C

Harmonies

Analogous

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



2B5B63



34596C



46556F

Triad

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



34596C



6F4B53



4E583E

Complementary

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



34596C



6C4734

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.



5C543A



34596C



6F4C46

Square

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



34596C



674C61



68503D



3F5B48

Rectangle

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



34596C



53526D



68503D



53573C

Sweetspot

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



34596C



76858C



346C47



3A4347



C7C7C7



474747

Same Dimension

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



34596C



356F8C



343D6C



303436



004E75



00A2F5

Inverse Universe

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



6C3459



8C356F



6C6334



363034



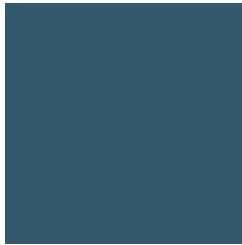
75004E



F500A2

Previews

White Background



This preview shows how the Hex color 34596C looks on a white background.

Color Contrast Check

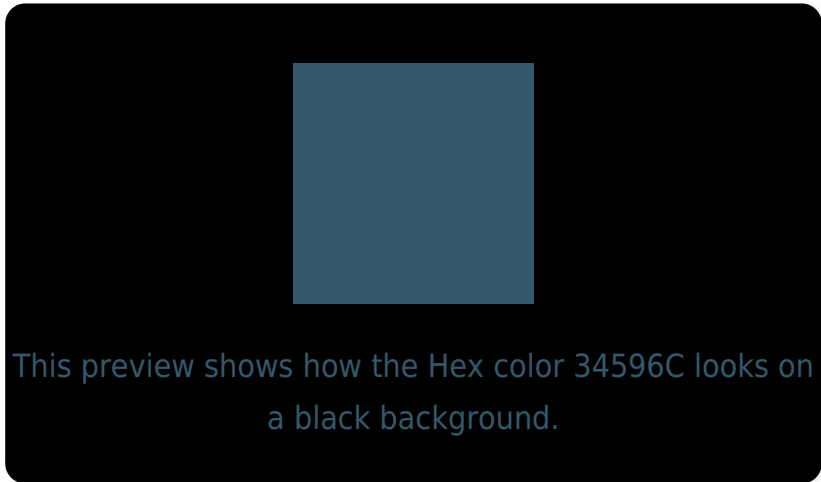
Large Text (above 18pt) WCAG AA ✓ Pass

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

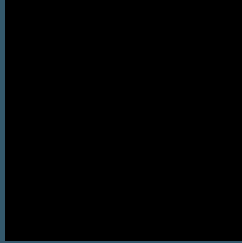
Any Text WCAG AA × Fail

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 34596C Background



This preview shows how black text looks on a background with the Hex color 34596C.



This preview shows how white text looks on a background with the Hex color 34596C.

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
34596C

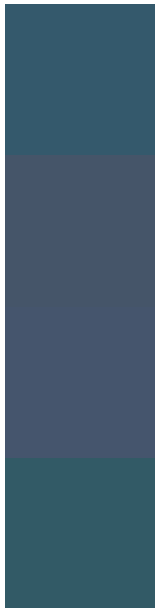
Protanopia
4F5368

Deuteranopia
4F536D



Tritanopia
315B62

Trichromacy



Original Color
34596C

Protanomaly
455569

Deuteranomaly
45556D

Tritanomaly
325A66

Monochromacy



Original Color
34596C

Achromatopsia
505050

Achromatomaly
46535A

CSS Examples

Text

The CSS property to change the color of the text to Hex 34596C 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 #34596C looks like.

```
.text, #text, p{  
    color:#34596C  
}
```

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 #34596C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34596C
}
```

Border

The CSS property to change the border of an element to Hex 34596C 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
#34596C }
```

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

```
.border{ border-color:#34596C }
```

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

Here you see how a box with a 4 pixel #34596C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34596C; -webkit-box-shadow:4px 4px  
4px 4px #34596C; box-shadow:4px 4px 4px  
4px #34596C }
```

Background

The CSS property to change the background color of an element to Hex 34596C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34596C }
```

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

```
.background{ background-color:#34596C }
```

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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