

Converting Colors

Hex(34596B)

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

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Color

Hex(34596B)

Conversions

Conversions Part 1

Format	Color
Hex	34596B
RGB	52, 89, 107
RGB Percent	20%, 35%, 42%
CMY	0.7961, 0.6510, 0.5804
CMYK	0.51, 0.17, 0.00, 0.58
HSL	200°, 35%, 31%
HSV	200°, 51%, 42%
XYZ	7.6424, 8.9364, 15.2320
YIQ	79.9890, -27.8300, -2.2460

Conversions

Conversions Part 2

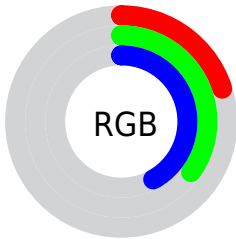
Format	Color
RYB	52, 74, 107
Decimal	3430763
CIELab	35.86, -7.73, -14.41
CIElCh	36, 16.351, 241.775
Yxy	8.9364, 0.2402, 0.2809
Android (android.graphics.Color)	4281620843 (0xFF34596B)
YUV	79.9890, 13.3164, -24.5464
Hunter-Lab	29.8937, -6.6802, -9.2849




Details

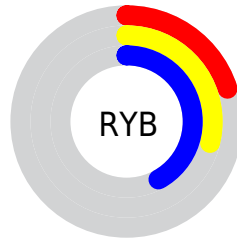
The Hex color **34596B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B4634**, and the grayscale version is **505050**.




A 20% lighter version of the original color is **668B9E**, and **002C3C** is the 20% darker color. If you saturate the color by 10%, you get **29556B**, and if you desaturate by 10%, it is **3F5D6B**.

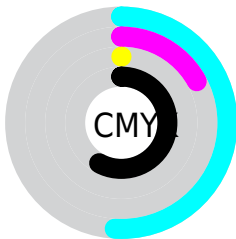
Distribution







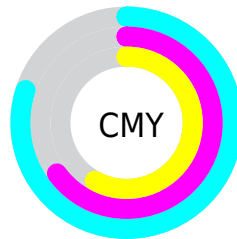
-  Red (20%)
-  Green (35%)
-  Blue (42%)






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



-  Cyan (51%)
-  Magenta (17%)
-  Yellow (0%)
-  Black (58%)



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

Brightness & Saturation Gradients

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

■ 34596B

■ 34596B

FFFFFF

■ 1A4253

■ 668B9E

■ 002C3C

■ 80A5B9

■ 001726

■ 9BC0D5

■ 000110

■ B7DCF1

■ 000000

■ D3F9FF

■ EFFFFFF

■ 34596B

■ 34596B

■ 29556B

■ 3F5D6B

■ 1F526B

■ 49606B

■ 144E6B

■ 54646B

■ 094B6B

■ 5F676B

■ 00486B

■ 6A6B6B

■ 746E6B

■ 7F726B

■ 8A756B

■ 94796B

Harmonies

Analogous

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



2D5B62



34596B



45556E

Triad

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



34596B



6E4B54



4F583E

Complementary

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



34596B



6B4634

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.



5D543A



34596B



6E4C47

Square

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



34596B



664D61



684F3E



405A48

Rectangle

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



34596B



51526D



684F3E



54563C

Sweetspot

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



34596B



77858C



346B45



3B4347



C7C7C7



474747

Same Dimension

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



34596B



35708C



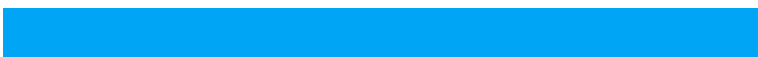
343E6B



303436



004F75



00A5F5

Inverse Universe

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



6B3459



8C3570



6B6134



363034



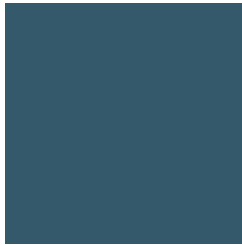
75004F



F500A5

Previews

White Background



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

Color Contrast Check

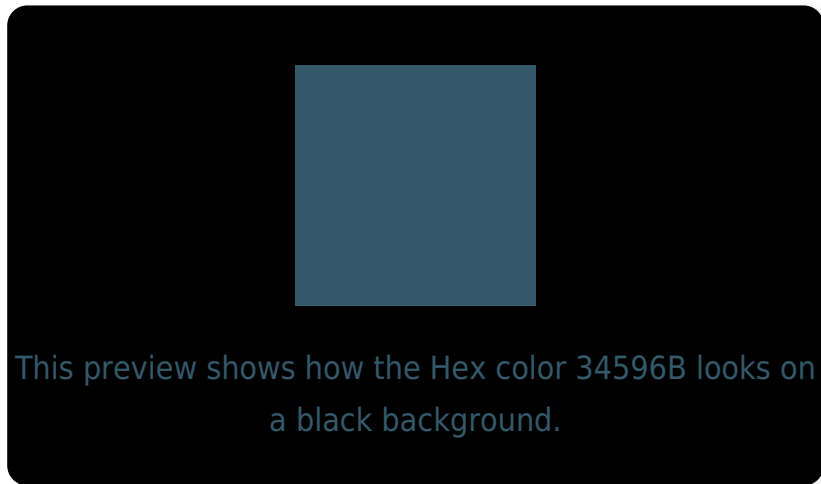
Large Text (above 18pt) WCAG AA ✓ Pass

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

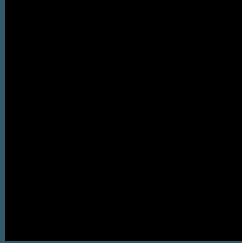
Any Text WCAG AA × Fail

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 34596B Background



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

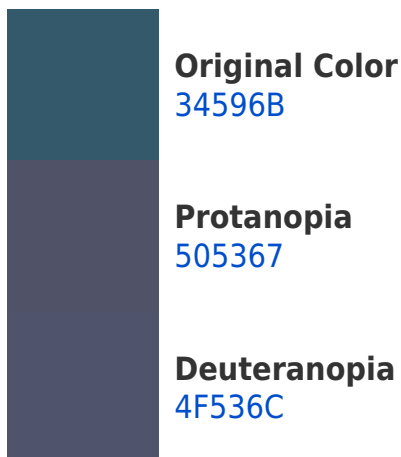


This preview shows how white text looks on a background with the Hex color 34596B.

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](#).

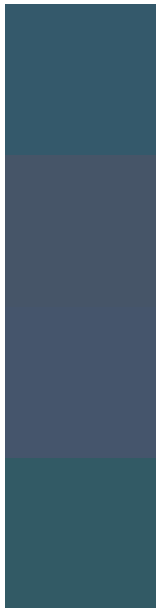
Dichromacy





Tritanopia
315B62

Trichromacy



Original Color
34596B

Protanomaly
465568

Deuteranomaly
45556C

Tritanomaly
325A65

Monochromacy



Original Color
34596B

Achromatopsia
505050

Achromatomaly
46535A

CSS Examples

Text

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

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

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 #34596B colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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