

Converting Colors

Hex(35596F)

Have a look what the booklet for
Hex(35596F) contains.

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Color

Hex(35596F)

Conversions

Conversions Part 1

Format	Color
Hex	35596F
RGB	53, 89, 111
RGB Percent	21%, 35%, 44%
CMY	0.7922, 0.6510, 0.5647
CMYK	0.52, 0.20, 0.00, 0.56
HSL	203°, 35%, 32%
HSV	203°, 52%, 44%
XYZ	7.9098, 9.0493, 16.3687
YIQ	80.7440, -28.5180, -0.7900

Conversions

Conversions Part 2

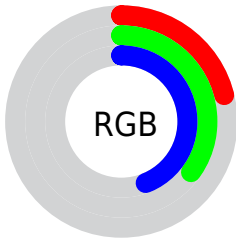
Format	Color
RYB	53, 75, 111
Decimal	3496303
CIELab	36.08, -6.18, -16.55
CIElCh	36, 17.670, 249.518
Yxy	9.0493, 0.2373, 0.2715
Android (android.graphics.Color)	4281686383 (0xFF35596F)
YUV	80.7440, 14.9162, -24.3315
Hunter-Lab	30.0821, -5.7088, -11.2043




Details

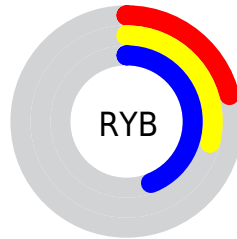
The Hex color **35596F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F4B35**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **688BA3**, and **002C3F** is the 20% darker color. If you saturate the color by 10%, you get **2A556F**, and if you desaturate by 10%, it is **405D6F**.

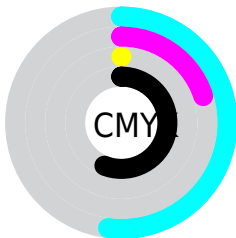
Distribution







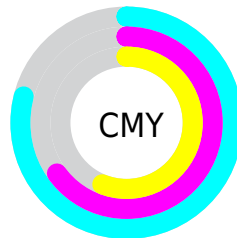
-  Red (21%)
-  Green (35%)
-  Blue (44%)






-  Red (21%)
-  Yellow (29%)
-  Blue (44%)



-  Cyan (52%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (79%)
-  Magenta (65%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35596F 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 35596F by changing the saturation by 10% instead.



35596F



35596F

FFFFFF



1B4257



688BA3



002C3F



82A5BE



001729



9DC0DA



000114



B8DCF6



000000



D4F9FF



F1FFFF



35596F



35596F



2A556F



405D6F

■ 1F516F

■ 4B616F

■ 144C6F

■ 56666F

■ 09486F

■ 616A6F

■ 00456F

■ 6D6E6F

■ 78726F

■ 83766F

■ 8E7B6F

■ 997F6F

Harmonies

Analogous

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



295C66



35596F



495571

Triad

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



35596F



714A51



4B593F

Complementary

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



35596F



6F4B35

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.



5A5539



35596F



704C44

Square

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



35596F



6B4C5F



67513B



3A5C4B

Rectangle

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



35596F



57516D



67513B



50583C

Sweetspot

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



35596F



7A8991



356F4A



3C454A



C9C9C9



4A4A4A

Same Dimension

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



35596F



366F91



353D6F



323638



004A78



009AF7

Inverse Universe

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



6F3559



91366F



6F6735



383236



78004A



F7009A

Previews

White Background



This preview shows how the Hex color 35596F looks on a white background.

Color Contrast Check

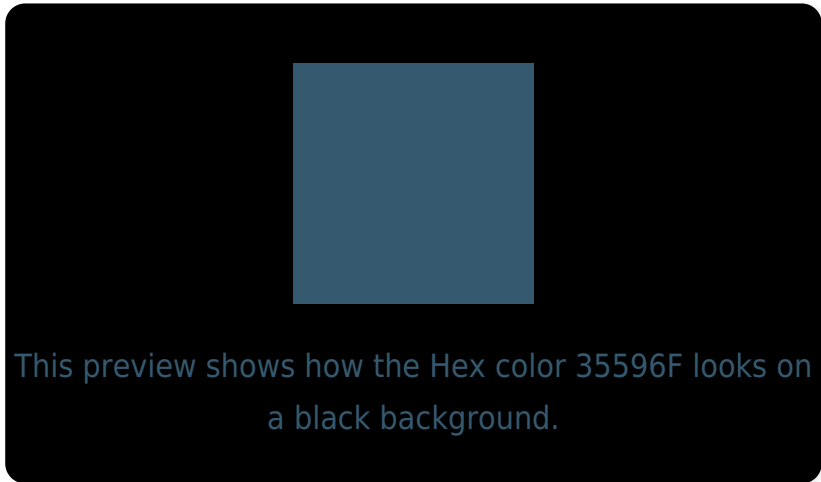
Large Text (above 18pt) WCAG AA ✓ Pass

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

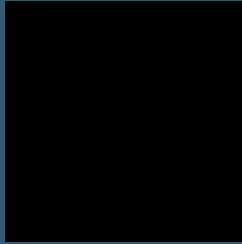
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

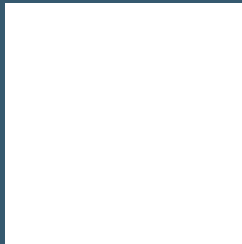
Any Text WCAG AAA × Fail

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

Hex 35596F Background



This preview shows how black text looks on a background with the Hex color 35596F.

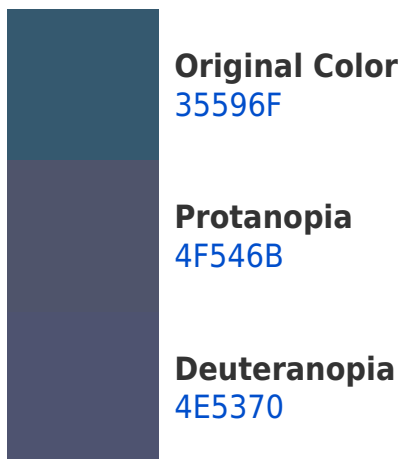



This preview shows how white text looks on a background with the Hex color 35596F.

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](#).

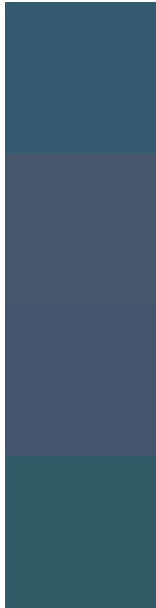
Dichromacy





Tritanopia
315B63

Trichromacy



Original Color
3596F

Protanomaly
46566C

Deuteranomaly
455570

Tritanomaly
325A67

Monochromacy



Original Color
3596F

Achromatopsia
515151

Achromatomaly
47545C

CSS Examples

Text

The CSS property to change the color of the text to Hex 35596F 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 #35596F looks like.

```
.text, #text, p{  
    color:#35596F  
}
```

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 #35596F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35596F
}
```

Border

The CSS property to change the border of an element to Hex 35596F is called "border". The border property can be set on classes, ids or directly on the HTML element.

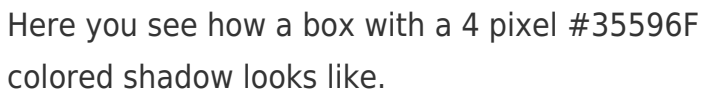
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#35596F }
```

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

```
.border{ border-color:#35596F }
```

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



Here you see how a box with a 4 pixel #35596F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35596F; -webkit-box-shadow:4px 4px  
4px 4px #35596F; box-shadow:4px 4px 4px  
4px #35596F }
```

Background

The CSS property to change the background color of an element to Hex 35596F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35596F }
```

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

```
.background{ background-color:#35596F }
```

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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