

Converting Colors

Hex(00335F)

Have a look what the booklet for
Hex(00335F) contains.

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Color

Hex(00335F)

Conversions

Conversions Part 1

Format	Color
Hex	00335F
RGB	0, 51, 95
RGB Percent	0%, 20%, 37%
CMY	1.0000, 0.8000, 0.6275
CMYK	1.00, 0.46, 0.00, 0.63
HSL	208°, 100%, 19%
HSV	208°, 100%, 37%
XYZ	3.2494, 3.1939, 11.2717
YIQ	40.7670, -44.5200, 2.8720

Conversions

Conversions Part 2

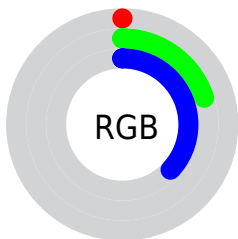
Format	Color
RYB	0, 33, 95
Decimal	13151
CIELab	20.80, 3.64, -30.45
CIELCh	21, 30.670, 276.813
Yxy	3.1939, 0.1834, 0.1803
Android (android.graphics.Color)	4278203231 (0xFF00335F)
YUV	40.7670, 26.7369, -35.7527
Hunter-Lab	17.8714, 1.1799, -24.8848

Details

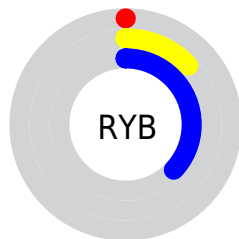
The Hex color **00335F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5F2C00**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **426192**, and **000430** is the 20% darker color. If you saturate the color by 10%, you get **00335F**, and if you desaturate by 10%, it is **09375F**.

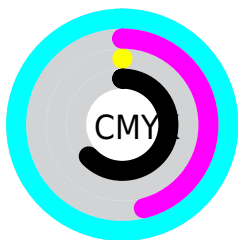
Distribution



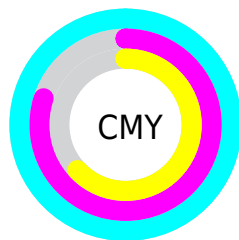
- Red (0%)
- Green (20%)
- Blue (37%)



- Red (0%)
- Yellow (13%)
- Blue (37%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (80%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00335F 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 00335F by changing the saturation by 10% instead.

00335F

00335F

FFFFFF

001E47

426192

000430

5C7AAD

00011B

7793C8

000000

92AEE4

AEC9FF

CAE5FF

E7FFFF

00335F

■ 09375F

■ 133C5F

■ 1D405F

■ 26455F

■ 30495F

■ 394D5F

■ 43525F

■ 4C565F

■ 565B5F

Harmonies

Analogous

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



00395B



00335F



392A56

Triad

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



00335F



572118



003B1F

Complementary

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



00335F



5F2C00

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.



21380A



00335F



4B2A04

Square

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



00335F



5A1C2E



393300



003D37

Rectangle

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



00335F



4B234B



393300



063B18

Sweetspot

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



00335F



56697A



005F2B



27333D



BDBDBD



3D3D3D

Same Dimension

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



00335F



00427A



00055F



2C2E30



003C70



0081F0

Inverse Universe

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



5F0033



7A0042



5F5A00



302C2E



70003C



F00081

Previews

White Background



This preview shows how the Hex color 00335F looks on a white background.

Color Contrast Check

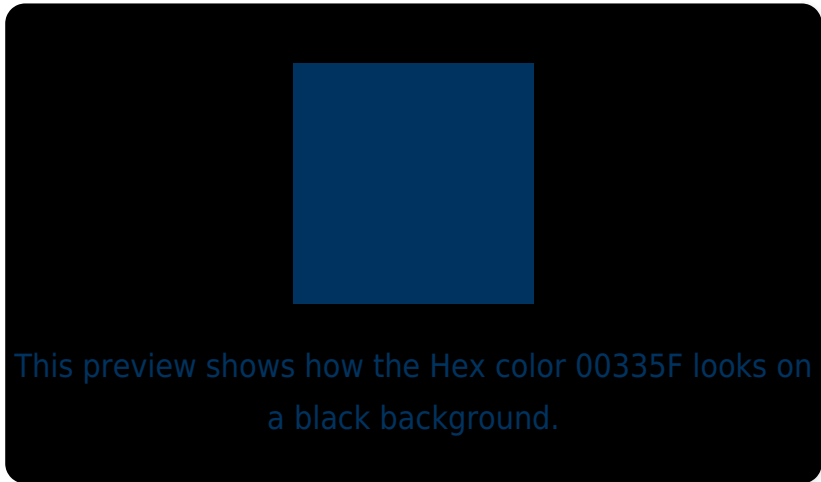
Large Text (above 18pt) WCAG AA ✓ Pass

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

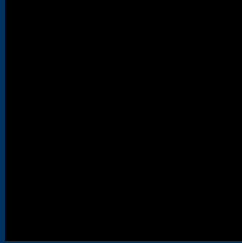
Any Text WCAG AA × Fail

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 00335F Background



This preview shows how black text looks on a background with the Hex color 00335F.




This preview shows how white text looks on a background with the Hex color 00335F.

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
00383C

Trichromacy



Original Color
00335F

Protanomaly
12325E

Deuteranomaly
00345C

Tritanomaly
003649

Monochromacy



Original Color
00335F

Achromatopsia
292929

Achromatomaly
1A2D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00335F 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 #00335F looks like.

```
.text, #text, p{  
    color:#00335F  
}
```

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 #00335F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00335F
}
```

Border

The CSS property to change the border of an element to Hex 00335F 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
#00335F }
```

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

```
.border{ border-color:#00335F }
```

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

Here you see how a box with a 4 pixel #00335F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00335F; -webkit-box-shadow:4px 4px  
4px 4px #00335F; box-shadow:4px 4px 4px  
4px #00335F }
```

Background

The CSS property to change the background color of an element to Hex 00335F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00335F }
```

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

```
.background{ background-color:#00335F }
```

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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