

Converting Colors

Hex(03295F)

Have a look what the booklet for
Hex(03295F) contains.

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Color

Hex(03295F)

Conversions

Conversions Part 1

Format	Color
Hex	03295F
RGB	3, 41, 95
RGB Percent	1%, 16%, 37%
CMY	0.9882, 0.8392, 0.6275
CMYK	0.97, 0.57, 0.00, 0.63
HSL	215°, 94%, 19%
HSV	215°, 97%, 37%
XYZ	2.8960, 2.4315, 11.1432
YIQ	35.7940, -39.9820, 8.7380

Conversions

Conversions Part 2

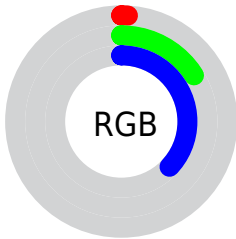
Format	Color
R _Y B	3, 30, 95
Decimal	207199
CIE Lab	17.61, 11.32, -35.61
CIE LCh	18, 37.364, 287.629
Yxy	2.4315, 0.1758, 0.1476
Android (android.graphics.Color)	4278397279 (0xFF03295F)
YUV	35.7940, 29.1886, -28.7603
Hunter-Lab	15.5931, 5.8641, -31.4546

Details

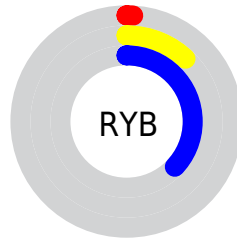
The Hex color **03295F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5F3903**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **435692**, and **000330** is the 20% darker color. If you saturate the color by 10%, you get **00275F**, and if you desaturate by 10%, it is **0D2F5F**.

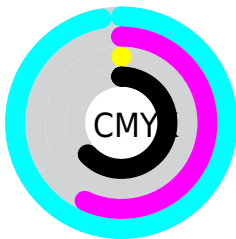
Distribution



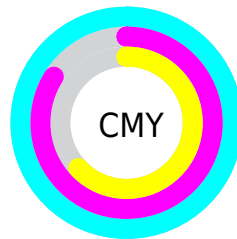
- Red (1%)
- Green (16%)
- Blue (37%)



- Red (1%)
- Yellow (12%)
- Blue (37%)



- Cyan (97%)
- Magenta (57%)
- Yellow (0%)
- Black (63%)



- Cyan (99%)
- Magenta (84%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03295F 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 03295F by changing the saturation by 10% instead.

■ 03295F

■ 03295F

FFFFFF

■ 001547

■ 435692

■ 000330

■ 5E6EAD

■ 00011A

■ 7987C8

■ 000000

■ 94A1E5

■ B0BCFF

■ CCD8FF

■ E9F4FF

■ 03295F

■ 03295F

■ 00275F

■ 0D2F5F

■ 16345F

■ 203A5F

■ 293F5F

■ 33455F

■ 3C4A5F

■ 46505F

■ 4F565F

■ 595B5F

Harmonies

Analogous

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



003260



03295F



3F1B50

Triad

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



03295F



511900



00361F

Complementary

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



03295F



5F3903

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.



023400



03295F



402600

Square

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



03295F



590A1D



282F00



00373B

Rectangle

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



03295F



501040



282F00



003515

Sweetspot

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



03295F



57667A



035F39



28313D



BDBDBD



3D3D3D

Same Dimension

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



03295F



00337A



0B035F



2C2E30



002E70



0063F0

Inverse Universe

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



5F0329



7A0033



575F03



302C2E



70002E



F00063

Previews

White Background



This preview shows how the Hex color 03295F looks on a white background.

Color Contrast Check

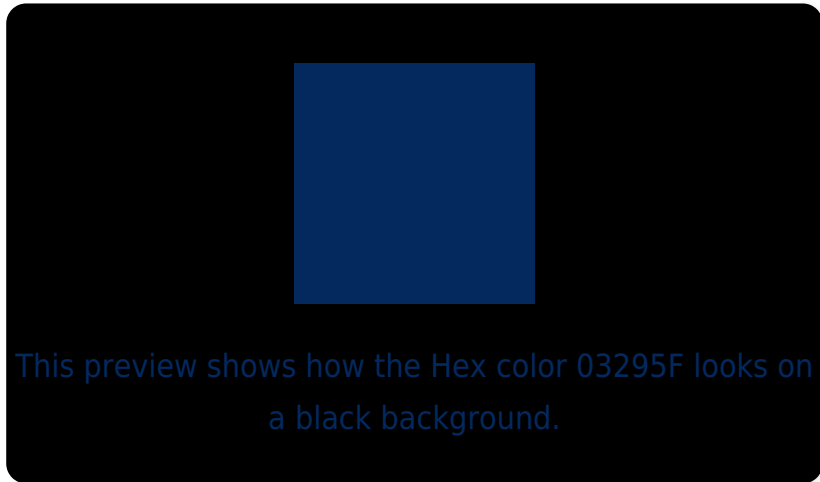
Large Text (above 18pt) WCAG AA ✓ Pass

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

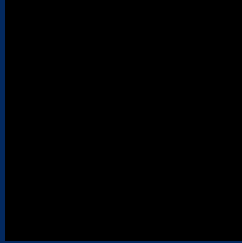
Any Text WCAG AA × Fail

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 03295F Background



This preview shows how black text looks on a background with the Hex color 03295F.



This preview shows how white text looks on a background with the Hex color 03295F.

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
03295F

Protanopia
002A5A

Deuteranopia
002D4D

Trichromacy



Original Color
03295F

Protanomaly
012A5C

Deuteranomaly
012C54

Tritanomaly
012E44

Monochromacy



Original Color
03295F

Achromatopsia
242424

Achromatomaly
182639

CSS Examples

Text

The CSS property to change the color of the text to Hex 03295F 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 #03295F looks like.

```
.text, #text, p{  
    color:#03295F  
}
```

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 #03295F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03295F
}
```

Border

The CSS property to change the border of an element to Hex 03295F 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
#03295F }
```

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

```
.border{ border-color:#03295F }
```

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

Here you see how a box with a 4 pixel #03295F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03295F; -webkit-box-shadow:4px 4px  
4px 4px #03295F; box-shadow:4px 4px 4px  
4px #03295F }
```

Background

The CSS property to change the background color of an element to Hex 03295F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03295F }
```

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

```
.background{ background-color:#03295F }
```

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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