

Converting Colors

Hex(03315C)

Have a look what the booklet for
Hex(03315C) contains.

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Color

Hex(03315C)

Conversions

Conversions Part 1

Format	Color
Hex	03315C
RGB	3, 49, 92
RGB Percent	1%, 19%, 36%
CMY	0.9882, 0.8078, 0.6392
CMYK	0.97, 0.47, 0.00, 0.64
HSL	209°, 94%, 19%
HSV	209°, 97%, 36%
XYZ	3.0676, 2.9887, 10.5404
YIQ	40.1480, -41.2190, 3.6210

Conversions

Conversions Part 2

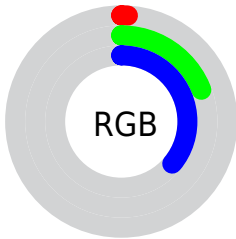
Format	Color
R_{YB}	3, 33, 92
Decimal	209244
CIE _{Lab}	20.00, 4.03, -29.77
CIE _{LCh}	20, 30.037, 277.705
Yxy	2.9887, 0.1848, 0.1801
Android (android.graphics.Color)	4278399324 (0xFF03315C)
YUV	40.1480, 25.5630, -32.5788
Hunter-Lab	17.2878, 1.4202, -24.0477

Details

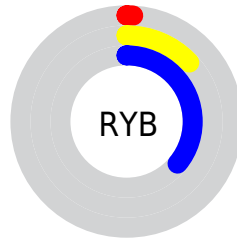
The Hex color **03315C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5C2E03**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **425F8F**, and **00002E** is the 20% darker color. If you saturate the color by 10%, you get **00305C**, and if you desaturate by 10%, it is **0C355C**.

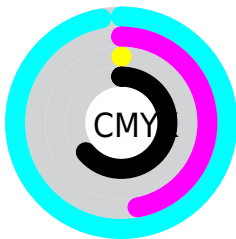
Distribution



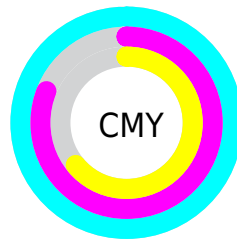
- Red (1%)
- Green (19%)
- Blue (36%)



- Red (1%)
- Yellow (13%)
- Blue (36%)



- Cyan (97%)
- Magenta (47%)
- Yellow (0%)
- Black (64%)



- Cyan (99%)
- Magenta (81%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03315C 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 03315C by changing the saturation by 10% instead.

03315C

03315C

FFFFFF

001C44

425F8F

00002E

5C77A9

000118

7791C5

000000

92ABE1

AEC6FD

CAE2FF

E6FFFF

03315C

03315C

■ 00305C

■ 0C355C

■ 153A5C

■ 1F3E5C

■ 28435C

■ 31475C

■ 3A4C5C

■ 43505C

■ 4D555C

■ 56595C

Harmonies

Analogous

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



003759



03315C



382853

Triad

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



03315C



542017



00391F

Complementary

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



03315C



5C2E03

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.



1F360A



03315C



482903

Square

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



03315C



581A2C



363100



003B36

Rectangle

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



03315C



492148



363100



043917

Sweetspot

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



03315C



556778



035C2D



28333D



BDBDBD



3D3D3D

Same Dimension

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



03315C



003E78



03065C



292C2E



00396E



007BED

Inverse Universe

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



5C0331



78003E



5C5903



2E292C



6E0039



ED007B

Previews

White Background



This preview shows how the Hex color 03315C looks on a white background.

Color Contrast Check

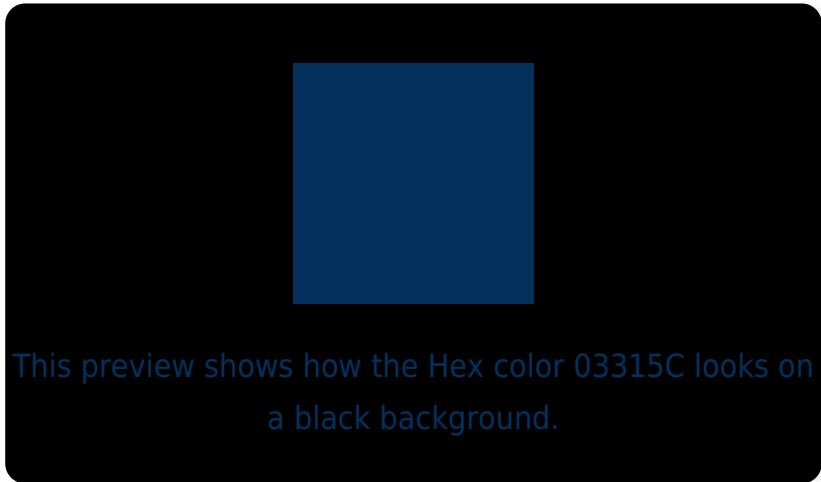
Large Text (above 18pt) WCAG AA ✓ Pass

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

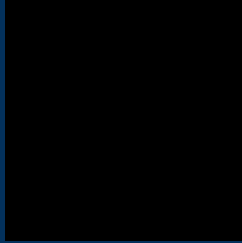
Any Text WCAG AA × Fail

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 03315C Background



This preview shows how black text looks on a background with the Hex color 03315C.



This preview shows how white text looks on a background with the Hex color 03315C.

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
03315C

Protanopia
1B2F5A

Trichromacy



Original Color
03315C

Protanomaly
12305B

Monochromacy



Original Color
03315C

Achromatopsia
282828

Achromatomaly
1B2B3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 03315C 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 #03315C looks like.

```
.text, #text, p{  
    color:#03315C  
}
```

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 #03315C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03315C
}
```

Border

The CSS property to change the border of an element to Hex 03315C 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
#03315C }
```

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

```
.border{ border-color:#03315C }
```

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

Here you see how a box with a 4 pixel #03315C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03315C; -webkit-box-shadow:4px 4px  
4px 4px #03315C; box-shadow:4px 4px 4px  
4px #03315C }
```

Background

The CSS property to change the background color of an element to Hex 03315C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03315C }
```

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

```
.background{ background-color:#03315C }
```

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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