

Converting Colors

Hex(03135C)

Have a look what the booklet for
Hex(03135C) contains.

Hex(03135C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(03135C)

Conversions

Conversions Part 1

Format	Color
Hex	03135C
RGB	3, 19, 92
RGB Percent	1%, 7%, 36%
CMY	0.9882, 0.9255, 0.6392
CMYK	0.97, 0.79, 0.00, 0.64
HSL	229°, 94%, 19%
HSV	229°, 97%, 36%
XYZ	2.2022, 1.2578, 10.2519
YIQ	22.5380, -32.9690, 19.3110

Conversions

Conversions Part 2

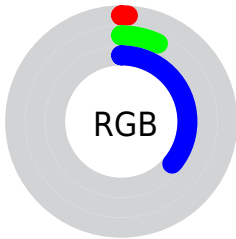
Format	Color
R_YB	3, 17, 92
Decimal	201564
CIE Lab	10.98, 26.26, -44.47
CIE LCh	11, 51.649, 300.561
Yxy	1.2578, 0.1606, 0.0917
Android (android.graphics.Color)	4278391644 (0xFF03135C)
YUV	22.5380, 34.2448, -17.1348
Hunter-Lab	11.2152, 15.4232, -46.3469

Details

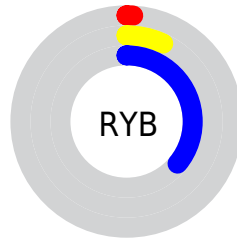
The Hex color **03135C** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5C4C03**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **453E8F**, and **00032D** is the 20% darker color. If you saturate the color by 10%, you get **00115C**, and if you desaturate by 10%, it is **0C1B5C**.

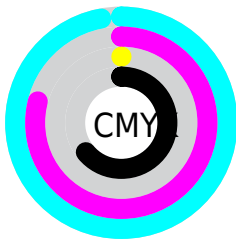
Distribution



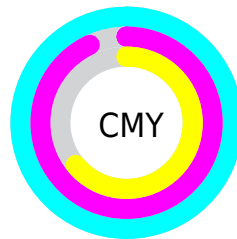
- Red (1%)
- Green (7%)
- Blue (36%)



- Red (1%)
- Yellow (7%)
- Blue (36%)



- Cyan (97%)
- Magenta (79%)
- Yellow (0%)
- Black (64%)



- Cyan (99%)
- Magenta (93%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03135C 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 03135C by changing the saturation by 10% instead.

■ 03135C

■ 03135C

■ FFF4FF

■ 000044

■ 453E8F

■ 00032D

■ 5F55AA

■ 000117

■ 7A6DC6

■ 000000

■ 9687E2

■ B2A1FF

■ CEBCFF

■ EBD8FF

■ 03135C

■ 03135C

■ 00115C

■ 0C1B5C

■ 15225C

■ 1F2A5C

■ 28315C

■ 31395C

■ 3A405C

■ 43485C

■ 4D4F5C

■ 56575C

Harmonies

Analogous

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



002366



03135C



450041

Triad

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



03135C



400900



002B1D

Complementary

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



03135C



5C4C03

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.



002A00



03135C



251D00

Square

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



03135C



510000



002500



002C41

Rectangle

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



03135C



52002A



002500



002B10

Sweetspot

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



03135C



555B78



035C4C



282C3D



BDBDBD



3D3D3D

Same Dimension

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



03135C



001678



1F035C



292A2E



00146E



002BED

Inverse Universe

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



5C0313



780016



405C03



2E292A



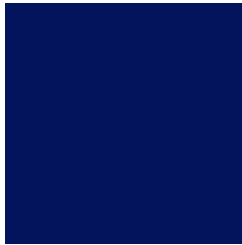
6E0014



ED002B

Previews

White Background



This preview shows how the Hex color 03135C looks on a white background.

Color Contrast Check

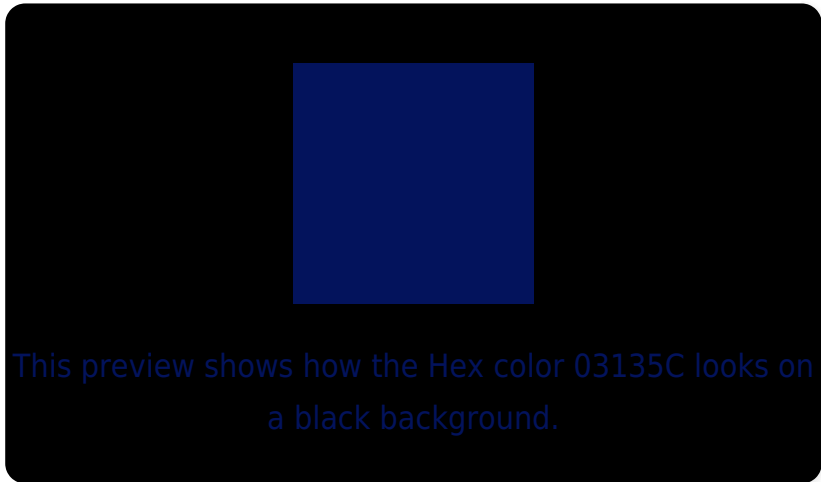
Large Text (above 18pt) WCAG AA ✓ Pass

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

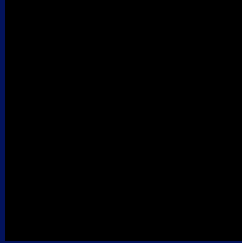
Any Text WCAG AA × Fail

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 03135C Background



This preview shows how black text looks on a background with the Hex color 03135C.



This preview shows how white text looks on a background with the Hex color 03135C.

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
03135C

Protanopia
001E40

Deuteranopia
002036

Trichromacy



Original Color
03135C

Protanomaly
011A4A

Deuteranomaly
011B44

Tritanomaly
011D39

Monochromacy



Original Color
03135C

Achromatopsia
171717

Achromatomaly
101630

CSS Examples

Text

The CSS property to change the color of the text to Hex 03135C 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 #03135C looks like.

```
.text, #text, p{  
    color:#03135C  
}
```

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 #03135C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03135C
}
```

Border

The CSS property to change the border of an element to Hex 03135C 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
#03135C }
```

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

```
.border{ border-color:#03135C }
```

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

Here you see how a box with a 4 pixel #03135C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03135C; -webkit-box-shadow:4px 4px  
4px 4px #03135C; box-shadow:4px 4px 4px  
4px #03135C }
```

Background

The CSS property to change the background color of an element to Hex 03135C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03135C }
```

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

```
.background{ background-color:#03135C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor