

Converting Colors

Hex(00355C)

Have a look what the booklet for
Hex(00355C) contains.

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Color

Hex(00355C)

Conversions

Conversions Part 1

Format	Color
Hex	00355C
RGB	0, 53, 92
RGB Percent	0%, 21%, 36%
CMY	1.0000, 0.7922, 0.6392
CMYK	1.00, 0.42, 0.00, 0.64
HSL	205°, 100%, 18%
HSV	205°, 100%, 36%
XYZ	3.2049, 3.3189, 10.5969
YIQ	41.5990, -44.1070, 0.8930

Conversions

Conversions Part 2

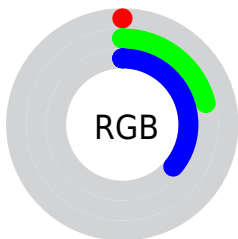
Format	Color
RYB	0, 34, 92
Decimal	13660
CIELab	21.28, 0.85, -27.72
CIELCh	21, 27.736, 271.757
Yxy	3.3189, 0.1872, 0.1939
Android (android.graphics.Color)	4278203740 (0xFF00355C)
YUV	41.5990, 24.8477, -36.4823
Hunter-Lab	18.2179, -0.4798, -21.7351

Details

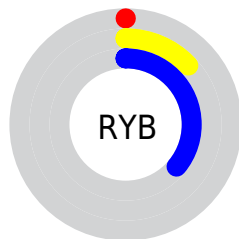
The Hex color **00355C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5C2700**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **41638F**, and **00072E** is the 20% darker color. If you saturate the color by 10%, you get **00355C**, and if you desaturate by 10%, it is **09395C**.

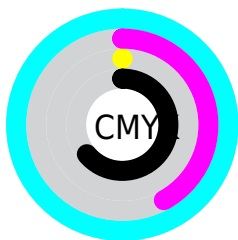
Distribution



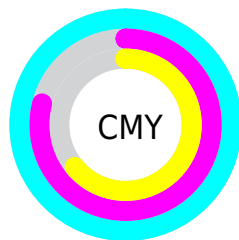
- Red (0%)
- Green (21%)
- Blue (36%)



- Red (0%)
- Yellow (13%)
- Blue (36%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (79%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00355C 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 00355C by changing the saturation by 10% instead.

00355C

00355C

FFFFFF

002044

41638F

00072E

5B7CA9

000118

7696C5

000000

91B0E1

ACCCFD

C9E8FF

E5FFFF

00355C

■ 09395C

■ 123D5C

■ 1C415C

■ 25455C

■ 2E495C

■ 374C5C

■ 40505C

■ 4A545C

■ 53585C

Harmonies

Analogous

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



003A57



00355C



352D56

Triad

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



00355C



57231F



073B1F

Complementary

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



00355C



5C2700

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.



28380E



00355C



4D2B0E

Square

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



00355C



582033



3D3205



003D34

Rectangle

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



00355C



46274D



3D3205



163B18

Sweetspot

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



00355C



546978



005C26



27343D



BDBDBD



3D3D3D

Same Dimension

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



00355C



004578



00085C



292C2E



003F6E



0089ED

Inverse Universe

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



5C0035



780045



5C5400



2E292C



6E003F



ED0089

Previews

White Background



This preview shows how the Hex color 00355C looks on a white background.

Color Contrast Check

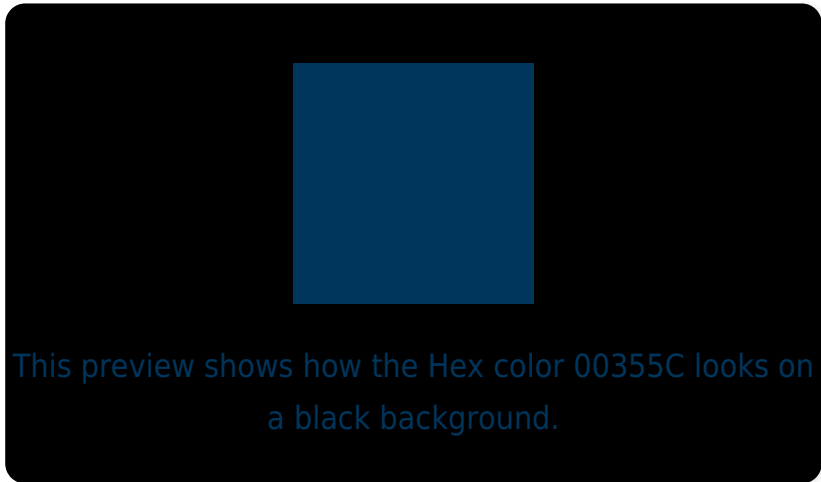
Large Text (above 18pt) WCAG AA ✓ Pass

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

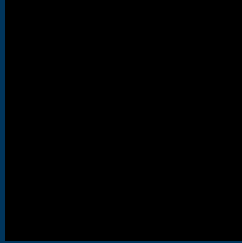
Any Text WCAG AA × Fail

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 00355C Background



This preview shows how black text looks on a background with the Hex color 00355C.



This preview shows how white text looks on a background with the Hex color 00355C.

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
00355C

Protanopia
22325A

Deuteranopia
0E355C



Tritanopia
003A3D

Trichromacy



Original Color
00355C

Protanomaly
16335B

Deuteranomaly
09355C

Tritanomaly
003848

Monochromacy



Original Color
00355C

Achromatopsia
2A2A2A

Achromatomaly
1B2E3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00355C 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 #00355C looks like.

```
.text, #text, p{  
    color:#00355C  
}
```

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 #00355C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00355C
}
```

Border

The CSS property to change the border of an element to Hex 00355C 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
#00355C }
```

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

```
.border{ border-color:#00355C }
```

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

Here you see how a box with a 4 pixel #00355C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00355C; -webkit-box-shadow:4px 4px  
4px 4px #00355C; box-shadow:4px 4px 4px  
4px #00355C }
```

Background

The CSS property to change the background color of an element to Hex 00355C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00355C }
```

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

```
.background{ background-color:#00355C }
```

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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