

Converting Colors

Hex(003D5C)

Have a look what the booklet for
Hex(003D5C) contains.

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Color

Hex(003D5C)

Conversions

Conversions Part 1

Format	Color
Hex	003D5C
RGB	0, 61, 92
RGB Percent	0%, 24%, 36%
CMY	1.0000, 0.7608, 0.6392
CMYK	1.00, 0.34, 0.00, 0.64
HSL	200°, 100%, 18%
HSV	200°, 100%, 36%
XYZ	3.6005, 4.1102, 10.7288
YIQ	46.2950, -46.3070, -3.2910

Conversions

Conversions Part 2

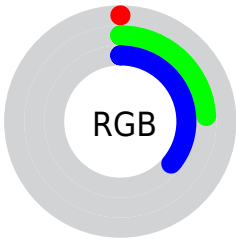
Format	Color
RYB	0, 37, 92
Decimal	15708
CIELab	24.03, -4.63, -23.35
CIELCh	24, 23.809, 258.787
Yxy	4.1102, 0.1953, 0.2229
Android (android.graphics.Color)	4278205788 (0xFF003D5C)
YUV	46.2950, 22.5326, -40.6007
Hunter-Lab	20.2736, -3.7780, -17.1847

Details

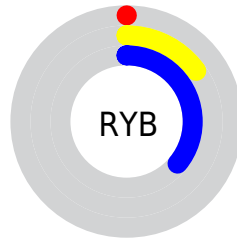
The Hex color **003D5C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5C1F00**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **416C8E**, and **00132E** is the 20% darker color. If you saturate the color by 10%, you get **003D5C**, and if you desaturate by 10%, it is **09405C**.

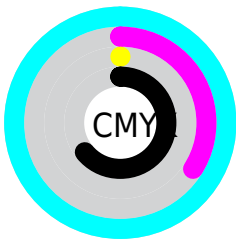
Distribution



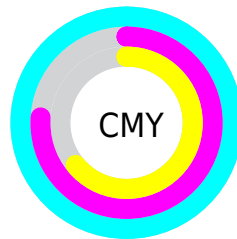
- Red (0%)
- Green (24%)
- Blue (36%)



- Red (0%)
- Yellow (15%)
- Blue (36%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (76%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003D5C 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 003D5C by changing the saturation by 10% instead.

■ 003D5C

■ 003D5C

FFFFFF

■ 002744

■ 416C8E

■ 00132E

■ 5B85A9

■ 000119

■ 76A0C4

■ 000000

■ 91BAE0

■ ADD6FD

■ C9F3FF

■ E6FFFF

■ 003D5C

■ 09405C

■ 12435C

■ 1C465C

■ 25495C

■ 2E4D5C

■ 37505C

■ 40535C

■ 4A565C

■ 53595C

Harmonies

Analogous

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



004154



003D5C



2F375B

Triad

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



003D5C



5B2B2F



244021

Complementary

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



003D5C



5C1F00

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.



393C16



003D5C



562F1F

Square

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



003D5C



572B41



493615



024232

Rectangle

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



003D5C



413255



493615



2B3F1C

Sweetspot

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



003D5C



546C78



005C1F



27363D



BDBDBD



3D3D3D

Same Dimension

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



003D5C



004F78



000F5C



292C2E



00496E



009DED

Inverse Universe

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



5C003D



78004F



5C4D00



2E292C



6E0049



ED009D

Previews

White Background



This preview shows how the Hex color 003D5C looks on a white background.

Color Contrast Check

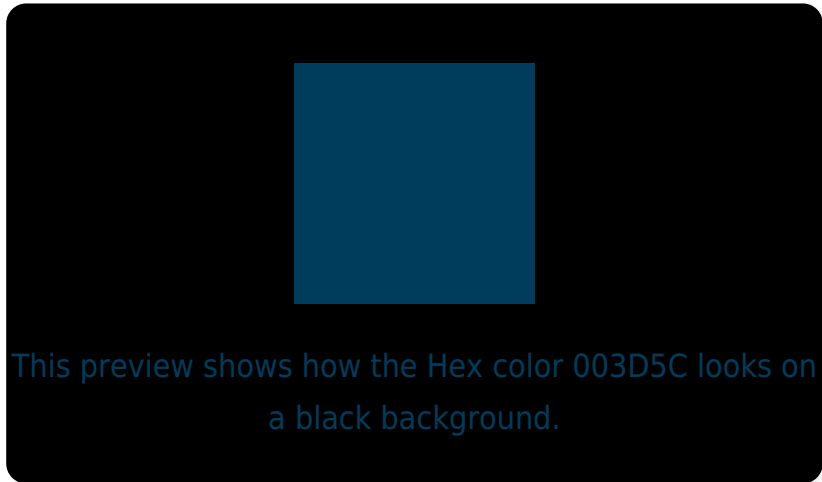
Large Text (above 18pt) WCAG AA ✓ Pass

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

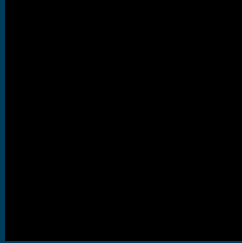
Any Text WCAG AA × Fail

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 003D5C Background



This preview shows how black text looks on a background with the Hex color 003D5C.



This preview shows how white text looks on a background with the Hex color 003D5C.

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
003D5C

Protanopia
2E3958

Deuteranopia
253A5D

Trichromacy



Original Color
003D5C

Protanomaly
1D3A59

Deuteranomaly
183B5D

Tritanomaly
003F4D

Monochromacy



Original Color
003D5C

Achromatopsia
2E2E2E

Achromatomaly
1D333F

CSS Examples

Text

The CSS property to change the color of the text to Hex 003D5C 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 #003D5C looks like.

```
.text, #text, p{  
    color:#003D5C  
}
```

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 #003D5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003D5C
}
```

Border

The CSS property to change the border of an element to Hex 003D5C 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
#003D5C }
```

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

```
.border{ border-color:#003D5C }
```

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

Here you see how a box with a 4 pixel #003D5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003D5C; -webkit-box-shadow:4px 4px  
4px 4px #003D5C; box-shadow:4px 4px 4px  
4px #003D5C }
```

Background

The CSS property to change the background color of an element to Hex 003D5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003D5C }
```

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

```
.background{ background-color:#003D5C }
```

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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