

Converting Colors

Hex(003D6C)

Have a look what the booklet for
Hex(003D6C) contains.

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Color

Hex(003D6C)

Conversions

Conversions Part 1

Format	Color
Hex	003D6C
RGB	0, 61, 108
RGB Percent	0%, 24%, 42%
CMY	1.0000, 0.7608, 0.5765
CMYK	1.00, 0.44, 0.00, 0.58
HSL	206°, 100%, 21%
HSV	206°, 100%, 42%
XYZ	4.3755, 4.4202, 14.8099
YIQ	48.1190, -51.4430, 1.6850

Conversions

Conversions Part 2

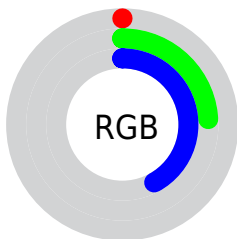
Format	Color
RYB	0, 39, 108
Decimal	15724
CIELab	25.01, 2.41, -32.14
CIELCh	25, 32.231, 274.290
Yxy	4.4202, 0.1854, 0.1873
Android (android.graphics.Color)	4278205804 (0xFF003D6C)
YUV	48.1190, 29.5213, -42.2004
Hunter-Lab	21.0243, 0.3565, -27.0481

Details

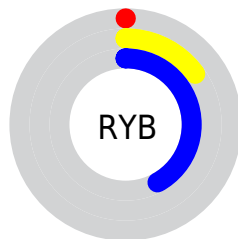
The Hex color **003D6C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6C2F00**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **466CA0**, and **00133C** is the 20% darker color. If you saturate the color by 10%, you get **003D6C**, and if you desaturate by 10%, it is **0B426C**.

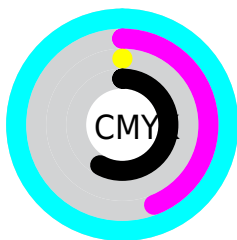
Distribution



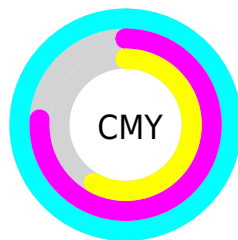
- Red (0%)
- Green (24%)
- Blue (42%)



- Red (0%)
- Yellow (15%)
- Blue (42%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (76%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003D6C 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 003D6C by changing the saturation by 10% instead.

003D6C

003D6C

FFFFFF

002853

466CA0

00133C

6185BB

000226

7C9FD7

00010F

98BAF3

000000

B4D6FF

D1F2FF

EEFFFF

003D6C

■ 0B426C

■ 16466C

■ 204B6C

■ 2B506C

■ 36556C

■ 41596C

■ 4C5E6C

■ 56636C

■ 61676C

Harmonies

Analogous

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



004367



003D6C



403364

Triad

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



003D6C



652921



004525

Complementary

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



003D6C



6C2F00

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.



2B4210



003D6C



58320E

Square

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



003D6C



672439



453B04



00473E

Rectangle

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



003D6C



542C58



453B04



14441D

Sweetspot

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



003D6C



627A8C



006C2F



2E3C47



C7C7C7



474747

Same Dimension

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



003D6C



004F8C



00076C



303336



004275



008AF5

Inverse Universe

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



6C003D



8C004F



6C6500



363033



750042



F5008A

Previews

White Background



This preview shows how the Hex color 003D6C looks on a white background.

Color Contrast Check

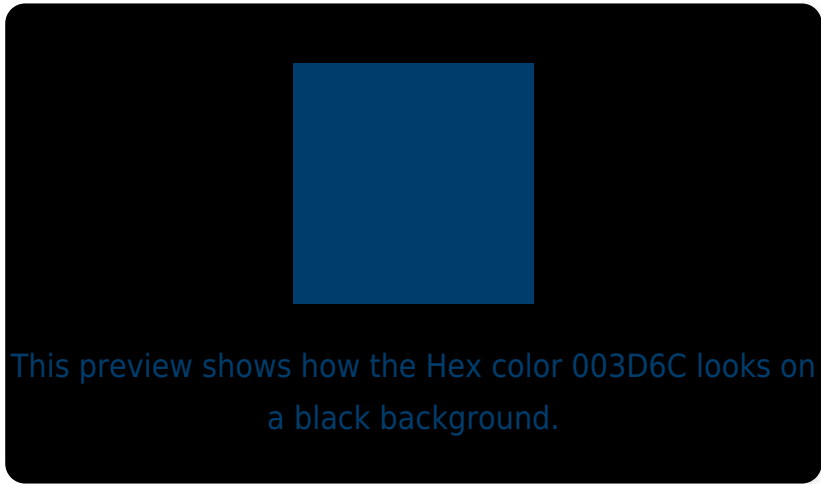
Large Text (above 18pt) WCAG AA ✓ Pass

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

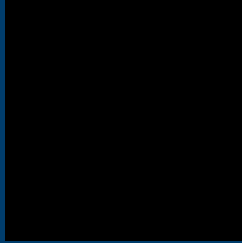
Any Text WCAG AA × Fail

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 003D6C Background



This preview shows how black text looks on a background with the Hex color 003D6C.



This preview shows how white text looks on a background with the Hex color 003D6C.

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



Trichromacy



Original Color
003D6C

Protanomaly
183B6A

Deuteranomaly
043D6C

Tritanomaly
004154

Monochromacy



Original Color
003D6C

Achromatopsia
303030

Achromatomaly
1F3546

CSS Examples

Text

The CSS property to change the color of the text to Hex 003D6C 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 #003D6C looks like.

```
.text, #text, p{  
    color:#003D6C  
}
```

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 #003D6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003D6C
}
```

Border

The CSS property to change the border of an element to Hex 003D6C 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
#003D6C }
```

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

```
.border{ border-color:#003D6C }
```

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

Here you see how a box with a 4 pixel #003D6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003D6C; -webkit-box-shadow:4px 4px  
4px 4px #003D6C; box-shadow:4px 4px 4px  
4px #003D6C }
```

Background

The CSS property to change the background color of an element to Hex 003D6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003D6C }
```

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

```
.background{ background-color:#003D6C }
```

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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