

Converting Colors

Hex(033D6A)

Have a look what the booklet for
Hex(033D6A) contains.

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Color

Hex(033D6A)

Conversions

Conversions Part 1

Format	Color
Hex	033D6A
RGB	3, 61, 106
RGB Percent	1%, 24%, 42%
CMY	0.9882, 0.7608, 0.5843
CMYK	0.97, 0.42, 0.00, 0.58
HSL	206°, 94%, 21%
HSV	206°, 97%, 42%
XYZ	4.3078, 4.3975, 14.2574
YIQ	48.7880, -49.0130, 1.6990

Conversions

Conversions Part 2

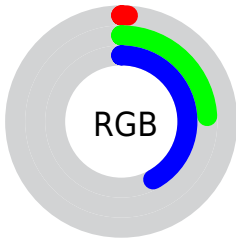
Format	Color
R _Y B	3, 40, 106
Decimal	212330
CIE Lab	24.94, 1.79, -30.97
CIE LCh	25, 31.018, 273.300
Yxy	4.3975, 0.1876, 0.1915
Android (android.graphics.Color)	4278402410 (0xFF033D6A)
YUV	48.7880, 28.2055, -40.1561
Hunter-Lab	20.9701, -0.0291, -25.6317

Details

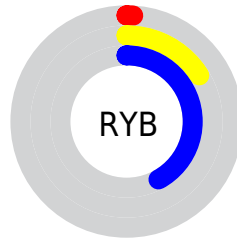
The Hex color **033D6A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6A3003**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **466C9E**, and **00133A** is the 20% darker color. If you saturate the color by 10%, you get **003C6A**, and if you desaturate by 10%, it is **0E426A**.

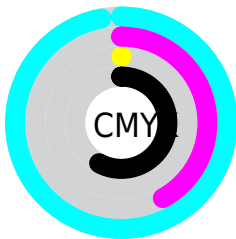
Distribution



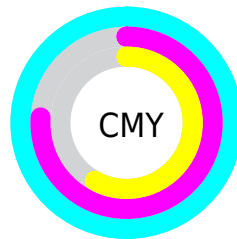
- Red (1%)
- Green (24%)
- Blue (42%)



- Red (1%)
- Yellow (16%)
- Blue (42%)



- Cyan (97%)
- Magenta (42%)
- Yellow (0%)
- Black (58%)



- Cyan (99%)
- Magenta (76%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 033D6A 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 033D6A by changing the saturation by 10% instead.

■ 033D6A

■ 033D6A

FFFFFF

■ 002852

■ 466C9E

■ 00133A

■ 6285B9

■ 000224

■ 7D9FD5

■ 00000C

■ 98BAF1

■ 000000

■ B4D6FF

■ D1F2FF

■ EEEFFF

■ 033D6A

■ 033D6A

■ 003C6A

■ 0E426A

■ 18466A

■ 234B6A

■ 2D506A

■ 38546A

■ 43596A

■ 4D5D6A

■ 58626A

■ 62676A

Harmonies

Analogous

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



004365



033D6A



3F3463

Triad

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



033D6A



642923



044525

Complementary

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



033D6A



6A3003

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.



2D4111



033D6A



583210

Square

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



033D6A



65253A



453B07



00463D

Rectangle

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



033D6A



532D57



453B07



17441E

Sweetspot

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



033D6A



62788A



036A30



2D3A45



C4C4C4



454545

Same Dimension

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



033D6A



004E8A



030A6A



303336



004275



008AF5

Inverse Universe

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



6A033D



8A004E



6A6303



363033



750042



F5008A

Previews

White Background



This preview shows how the Hex color 033D6A looks on a white background.

Color Contrast Check

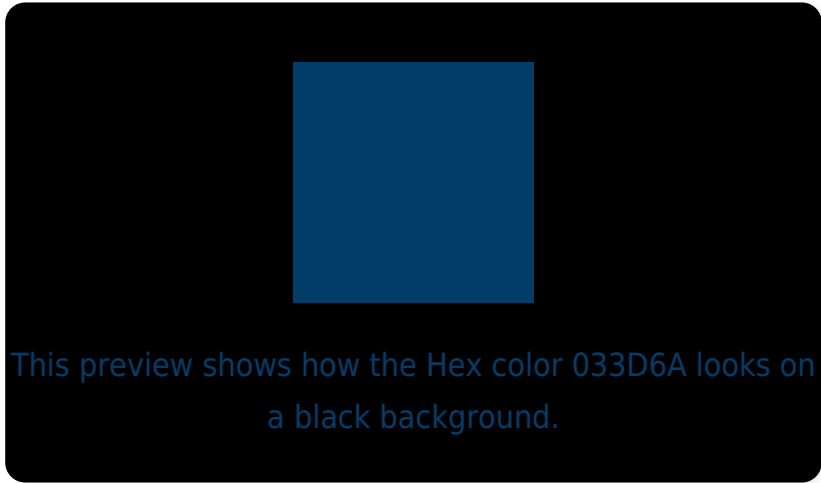
Large Text (above 18pt) WCAG AA ✓ Pass

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

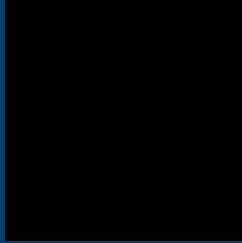
Any Text WCAG AA × Fail

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 033D6A Background



This preview shows how black text looks on a background with the Hex color 033D6A.



This preview shows how white text looks on a background with the Hex color 033D6A.

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
033D6A

Protanopia
283A67

Deuteranopia
103D6A

Trichromacy



Original Color
033D6A

Protanomaly
1B3B68

Deuteranomaly
0B3D6A

Tritanomaly
014054

Monochromacy



Original Color
033D6A

Achromatopsia
313131

Achromatomaly
203546

CSS Examples

Text

The CSS property to change the color of the text to Hex 033D6A 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 #033D6A looks like.

```
.text, #text, p{  
    color:#033D6A  
}
```

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 #033D6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033D6A
}
```

Border

The CSS property to change the border of an element to Hex 033D6A 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
#033D6A }
```

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

```
.border{ border-color:#033D6A }
```

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

Here you see how a box with a 4 pixel #033D6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033D6A; -webkit-box-shadow:4px 4px  
4px 4px #033D6A; box-shadow:4px 4px 4px  
4px #033D6A }
```

Background

The CSS property to change the background color of an element to Hex 033D6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033D6A }
```

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

```
.background{ background-color:#033D6A }
```

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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