

Converting Colors

Hex(033D96)

Have a look what the booklet for
Hex(033D96) contains.

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Color

Hex(033D96)

Conversions

Conversions Part 1

Format	Color
Hex	033D96
RGB	3, 61, 150
RGB Percent	1%, 24%, 59%
CMY	0.9882, 0.7608, 0.4118
CMYK	0.98, 0.59, 0.00, 0.41
HSL	216°, 96%, 30%
HSV	216°, 98%, 59%
XYZ	7.2113, 5.5589, 29.5470
YIQ	53.8040, -63.1370, 15.3830

Conversions

Conversions Part 2

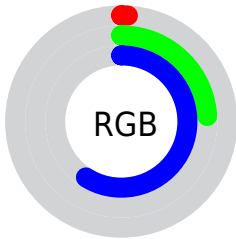
Format	Color
R _Y B	3, 45, 150
Decimal	212374
CIE Lab	28.27, 20.85, -53.15
CIE LCh	28, 57.096, 291.416
Yxy	5.5589, 0.1704, 0.1314
Android (android.graphics.Color)	4278402454 (0xFF033D96)
YUV	53.8040, 47.4246, -44.5551
Hunter-Lab	23.5772, 13.3358, -57.7984

Details

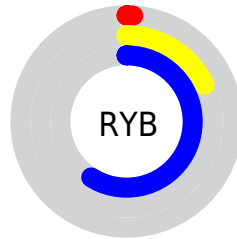
The Hex color **033D96** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **965C03**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **556CCD**, and **001562** is the 20% darker color. If you saturate the color by 10%, you get **003B96**, and if you desaturate by 10%, it is **124696**.

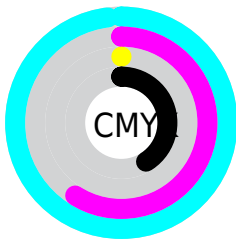
Distribution



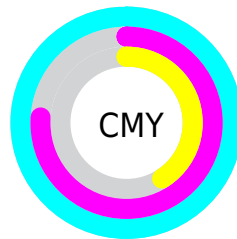
- Red (1%)
- Green (24%)
- Blue (59%)



- Red (1%)
- Yellow (18%)
- Blue (59%)



- Cyan (98%)
- Magenta (59%)
- Yellow (0%)
- Black (41%)



- Cyan (99%)
- Magenta (76%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 033D96 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 033D96 by changing the saturation by 10% instead.

033D96

033D96

FFFFFF

00287C

556CCD

001562

7285EA

00004A

8F9FFF

000432

ACBAFF

00021C

CAD5FF

000000

E7F2FF

033D96

033D96

003B96

124696

■ 214F96

■ 305896

■ 3F6196

■ 4E6A96

■ 5D7396

■ 6C7D96

■ 7B8696

■ 8A8F96

Harmonies

Analogous

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



004C9B



033D96



69227A

Triad

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



033D96



7B2500



005434

Complementary

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



033D96



965C03

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.



005100



033D96



5D3C00

Square

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



033D96



8C0026



354A00



005562

Rectangle

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



033D96



810360



354A00



005324

Sweetspot

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



033D96



8AA0C2



03965B



3F4C61



E0E0E0



616161

Same Dimension

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



033D96



004CC2



120396



43454A



00368A



00040A

Inverse Universe

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



96033D



C2004C



879603



4A4345



8A0036



0A0004

Previews

White Background



This preview shows how the Hex color 033D96 looks on a white background.

Color Contrast Check

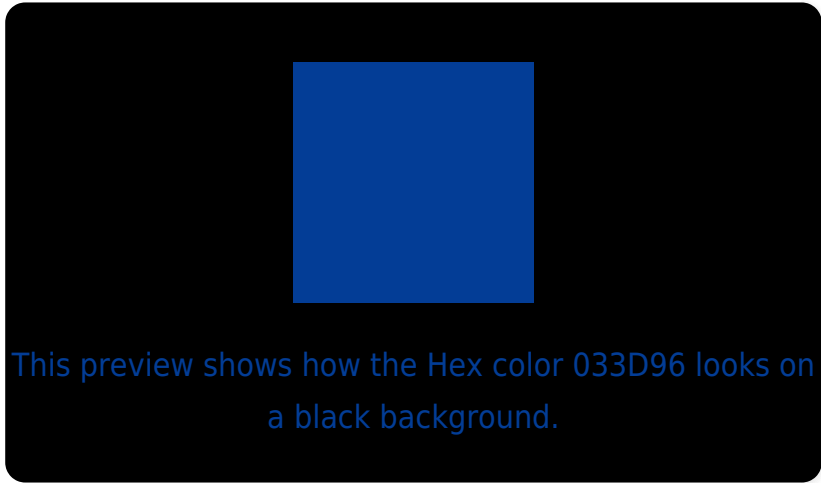
Large Text (above 18pt) WCAG AA ✓ Pass

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

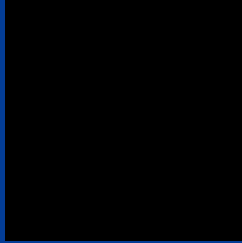
Any Text WCAG AA × Fail

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 033D96 Background



This preview shows how black text looks on a background with the Hex color 033D96.



This preview shows how white text looks on a background with the Hex color 033D96.

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
033D96

Protanopia
004189

Deuteranopia
004575



Tritanopia
004B4F

Trichromacy



Original Color
033D96

Protanomaly
01408E

Deuteranomaly
014281

Tritanomaly
014669

Monochromacy



Original Color
033D96

Achromatopsia
363636

Achromatomaly
233959

CSS Examples

Text

The CSS property to change the color of the text to Hex 033D96 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 #033D96 looks like.

```
.text, #text, p{  
    color:#033D96  
}
```

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 #033D96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033D96
}
```

Border

The CSS property to change the border of an element to Hex 033D96 is called "border". The border property can be set on classes, ids or directly on the HTML element.

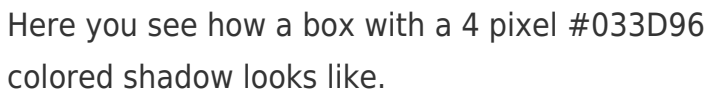
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#033D96 }
```

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

```
.border{ border-color:#033D96 }
```

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



Here you see how a box with a 4 pixel #033D96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033D96; -webkit-box-shadow:4px 4px  
4px 4px #033D96; box-shadow:4px 4px 4px  
4px #033D96 }
```

Background

The CSS property to change the background color of an element to Hex 033D96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033D96 }
```

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

```
.background{ background-color:#033D96 }
```

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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