

Converting Colors

Hex(023D6D)

Have a look what the booklet for
Hex(023D6D) contains.

Hex(023D6D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(023D6D)

Conversions

Conversions Part 1

Format	Color
Hex	023D6D
RGB	2, 61, 109
RGB Percent	1%, 24%, 43%
CMY	0.9922, 0.7608, 0.5725
CMYK	0.98, 0.44, 0.00, 0.57
HSL	207°, 96%, 22%
HSV	207°, 98%, 43%
XYZ	4.4541, 4.4545, 15.0931
YIQ	48.8310, -50.5720, 2.4200

Conversions

Conversions Part 2

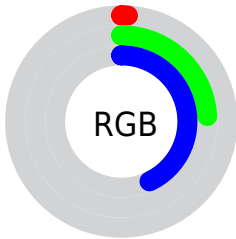
Format	Color
R_{YB}	2, 40, 109
Decimal	146797
CIE _{Lab}	25.12, 3.02, -32.61
CIE _{LCh}	25, 32.749, 275.293
Yxy	4.4545, 0.1856, 0.1856
Android (android.graphics.Color)	4278336877 (0xFF023D6D)
YUV	48.8310, 29.6633, -41.0708
Hunter-Lab	21.1057, 0.7351, -27.6252

Details

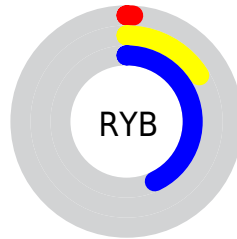
The Hex color **023D6D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6D3202**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **476CA1**, and **00133D** is the 20% darker color. If you saturate the color by 10%, you get **003C6D**, and if you desaturate by 10%, it is **0D426D**.

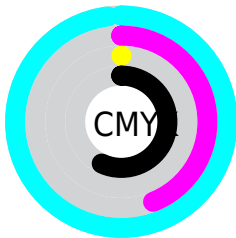
Distribution



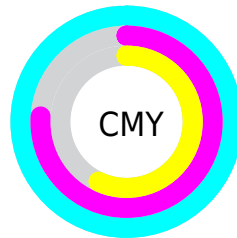
- Red (1%)
- Green (24%)
- Blue (43%)



- Red (1%)
- Yellow (16%)
- Blue (43%)



- Cyan (98%)
- Magenta (44%)
- Yellow (0%)
- Black (57%)



- Cyan (99%)
- Magenta (76%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 023D6D 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 023D6D by changing the saturation by 10% instead.

023D6D

023D6D

FFFFFF

002854

476CA1

00133D

6285BC

000327

7E9FD8

000110

99BAF5

000000

B5D6FF

D2F2FF

FFFFFF

023D6D

023D6D

■ 003C6D

■ 0D426D

■ 18476D

■ 234C6D

■ 2E516D

■ 39556D

■ 435A6D

■ 4E5F6D

■ 59646D

■ 64696D

Harmonies

Analogous

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



004468



023D6D



423364

Triad

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



023D6D



652920



004626

Complementary

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



023D6D



6D3202

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.



2A4210



023D6D



58330D

Square

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



023D6D



682438



443C03



00473F

Rectangle

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



023D6D



562C58



443C03



11451E

Sweetspot

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



023D6D



657C8F



026D30



2E3C47



C7C7C7



474747

Same Dimension

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



023D6D



004F8F



02096D



303336



004175



0087F5

Inverse Universe

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



6D023D



8F004F



6D6602



363033



750041



F50087

Previews

White Background



This preview shows how the Hex color 023D6D looks on a white background.

Color Contrast Check

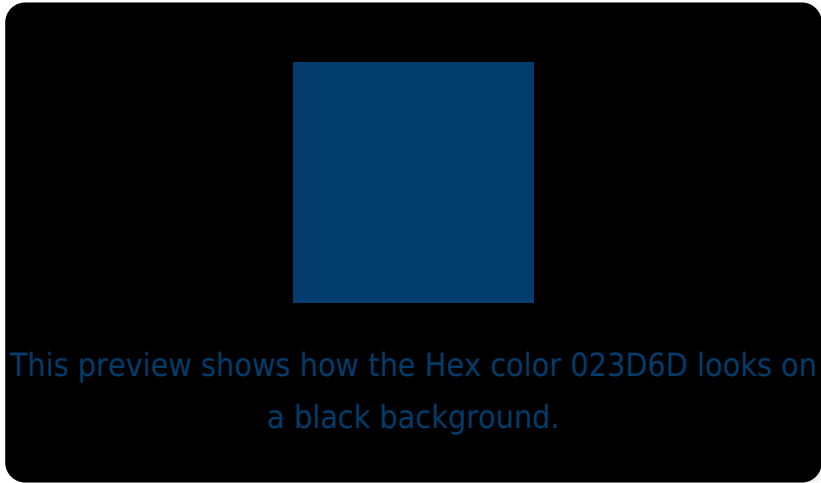
Large Text (above 18pt) WCAG AA ✓ Pass

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 023D6D Background



This preview shows how black text looks on a background with the Hex color 023D6D.



This preview shows how white text looks on a background with the Hex color 023D6D.

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
023D6D

Protanomaly
193B6B

Deuteranomaly
013D6C

Tritanomaly
014155

Monochromacy



Original Color
023D6D

Achromatopsia
313131

Achromatomaly
203547

CSS Examples

Text

The CSS property to change the color of the text to Hex 023D6D 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 #023D6D looks like.

```
.text, #text, p{  
    color:#023D6D  
}
```

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 #023D6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023D6D
}
```

Border

The CSS property to change the border of an element to Hex 023D6D 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
#023D6D }
```

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

```
.border{ border-color:#023D6D }
```

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

Here you see how a box with a 4 pixel #023D6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #023D6D; -webkit-box-shadow:4px 4px  
4px 4px #023D6D; box-shadow:4px 4px 4px  
4px #023D6D }
```

Background

The CSS property to change the background color of an element to Hex 023D6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023D6D }
```

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

```
.background{ background-color:#023D6D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor