

Converting Colors

Hex(01376D)

Have a look what the booklet for
Hex(01376D) contains.

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Color

Hex(01376D)

Conversions

Conversions Part 1

Format	Color
Hex	01376D
RGB	1, 55, 109
RGB Percent	0%, 22%, 43%
CMY	0.9961, 0.7843, 0.5725
CMYK	0.99, 0.50, 0.00, 0.57
HSL	210°, 98%, 22%
HSV	210°, 99%, 43%
XYZ	4.1390, 3.8430, 14.9916
YIQ	45.0100, -49.5180, 5.3460

Conversions

Conversions Part 2

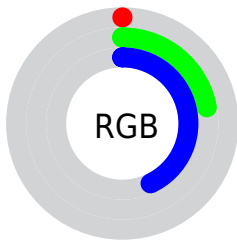
Format	Color
RYB	1, 37, 109
Decimal	79725
CIELab	23.15, 7.18, -35.78
CIElCh	23, 36.496, 281.346
Yxy	3.8430, 0.1802, 0.1673
Android (android.graphics.Color)	4278269805 (0xFF01376D)
YUV	45.0100, 31.5471, -38.5968
Hunter-Lab	19.6035, 3.3820, -31.6192

Details

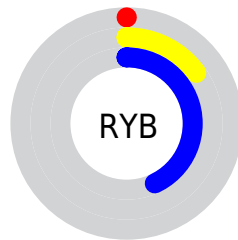
The Hex color **01376D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6D3701**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **4765A1**, and **000B3D** is the 20% darker color. If you saturate the color by 10%, you get **00376D**, and if you desaturate by 10%, it is **0C3C6D**.

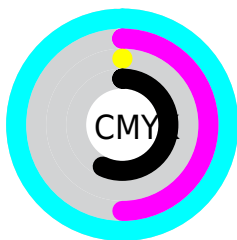
Distribution



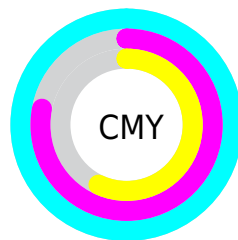
- Red (0%)
- Green (22%)
- Blue (43%)



- Red (0%)
- Yellow (15%)
- Blue (43%)



- Cyan (99%)
- Magenta (50%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (78%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01376D 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 01376D by changing the saturation by 10% instead.

01376D

01376D

FFFFFF

002254

4765A1

000B3D

627EBC

000326

7D98D8

00010F

99B2F5

000000

B5CEFF

D2EAFF

FFFFFF

01376D

01376D

■ 00376D

■ 0C3C6D

■ 17426D

■ 22476D

■ 2D4D6D

■ 37526D

■ 42586D

■ 4D5D6D

■ 58636D

■ 63686D

Harmonies

Analogous

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



003F6B



01376D



452B60

Triad

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



01376D



622314



004225

Complementary

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



01376D



6D3701

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.



1B3F09



01376D



522F00

Square

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



01376D



671A2E



3B3900



004441

Rectangle

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



01376D



582252



3B3900



00421B

Sweetspot

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



01376D



64798F



016D37



2E3B47



C7C7C7



474747

Same Dimension

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



01376D



00478F



01016D



303336



003B75



007AF5

Inverse Universe

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



6D0137



8F0047



6D6D01



363033



75003B



F5007A

Previews

White Background



This preview shows how the Hex color 01376D 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

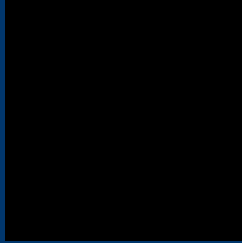
Any Text WCAG AA × Fail

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 01376D Background



This preview shows how black text looks on a background with the Hex color 01376D.



This preview shows how white text looks on a background with the Hex color 01376D.

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
01376D

Protanopia
18366C

Deuteranopia
003963



Tritanopia
003E42

Trichromacy



Original Color
01376D

Protanomaly
10366C

Deuteranomaly
003867

Tritanomaly
003B52

Monochromacy



Original Color
01376D

Achromatopsia
2D2D2D

Achromatomaly
1D3144

CSS Examples

Text

The CSS property to change the color of the text to Hex 01376D 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 #01376D looks like.

```
.text, #text, p{  
    color:#01376D  
}
```

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 #01376D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01376D
}
```

Border

The CSS property to change the border of an element to Hex 01376D 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
#01376D }
```

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

```
.border{ border-color:#01376D }
```

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

Here you see how a box with a 4 pixel #01376D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01376D; -webkit-box-shadow:4px 4px  
4px 4px #01376D; box-shadow:4px 4px 4px  
4px #01376D }
```

Background

The CSS property to change the background color of an element to Hex 01376D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01376D }
```

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

```
.background{ background-color:#01376D }
```

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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