

Converting Colors

Hex(06376F)

Have a look what the booklet for
Hex(06376F) contains.

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Color

Hex(06376F)

Conversions

Conversions Part 1

Format	Color
Hex	06376F
RGB	6, 55, 111
RGB Percent	2%, 22%, 44%
CMY	0.9765, 0.7843, 0.5647
CMYK	0.95, 0.50, 0.00, 0.56
HSL	212°, 90%, 23%
HSV	212°, 95%, 44%
XYZ	4.3105, 3.9188, 15.5681
YIQ	46.7330, -47.1800, 7.0280

Conversions

Conversions Part 2

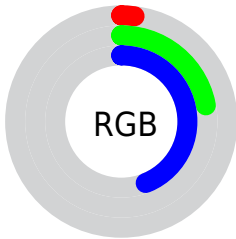
Format	Color
RYB	6, 39, 111
Decimal	407407
CIELab	23.40, 8.47, -36.65
CIELCh	23, 37.616, 283.020
Yxy	3.9188, 0.1811, 0.1647
Android (android.graphics.Color)	4278597487 (0xFF06376F)
YUV	46.7330, 31.6836, -35.7228
Hunter-Lab	19.7959, 4.2252, -32.7703

Details

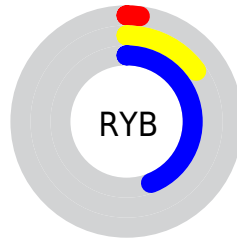
The Hex color **06376F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6F3E06**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **4965A3**, and **000C3F** is the 20% darker color. If you saturate the color by 10%, you get **00346F**, and if you desaturate by 10%, it is **113D6F**.

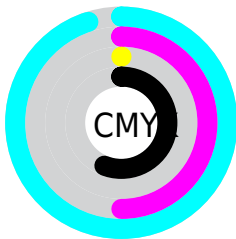
Distribution



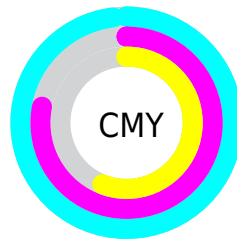
- Red (2%)
- Green (22%)
- Blue (44%)



- Red (2%)
- Yellow (15%)
- Blue (44%)



- Cyan (95%)
- Magenta (50%)
- Yellow (0%)
- Black (56%)



- Cyan (98%)
- Magenta (78%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06376F 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 06376F by changing the saturation by 10% instead.

06376F

06376F

FFFFFF

002256

4965A3

000C3F

657EBF

000328

8098DB

000112

9BB2F7

000000

B8CEFF

D4EAFF

F1FFFF

06376F

06376F

■ 00346F

■ 113D6F

■ 1C436F

■ 27496F

■ 324F6F

■ 3E556F

■ 495B6F

■ 54606F

■ 5F666F

■ 6A6C6F

Harmonies

Analogous

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



003F6E



06376F



482A61

Triad

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



06376F



632412



004326

Complementary

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



06376F



6F3E06

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.



184009



06376F



523000

Square

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



06376F



69192D



3A3A00



004444

Rectangle

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



06376F



5B2152



3A3A00



00431D

Sweetspot

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



06376F



697C91



066F3E



313D4A



C9C9C9



4A4A4A

Same Dimension

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



06376F



004491



0A066F



323538



003878



0073F7

Inverse Universe

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



6F0637



910044



6C6F06



383235



780038



F70073

Previews

White Background



This preview shows how the Hex color 06376F looks on a white background.

Color Contrast Check

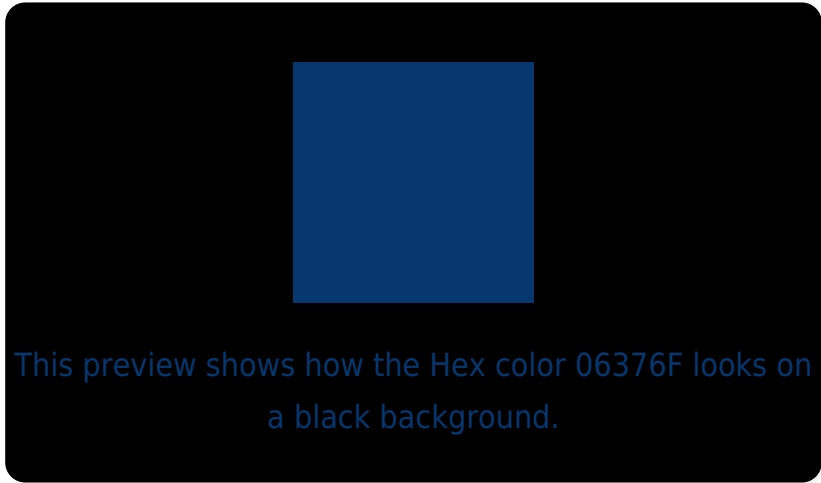
Large Text (above 18pt) WCAG AA ✓ Pass

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

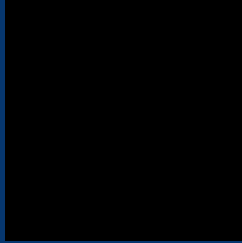
Any Text WCAG AA × Fail

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 06376F Background



This preview shows how black text looks on a background with the Hex color 06376F.



This preview shows how white text looks on a background with the Hex color 06376F.

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
06376F

Protanopia
15366E

Deuteranopia
003964

Trichromacy



Original Color
06376F

Protanomaly
10366E

Deuteranomaly
023868

Monochromacy



Original Color
06376F

Achromatopsia
2F2F2F

Achromatomaly
203246

CSS Examples

Text

The CSS property to change the color of the text to Hex 06376F 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 #06376F looks like.

```
.text, #text, p{  
    color:#06376F  
}
```

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 #06376F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06376F
}
```

Border

The CSS property to change the border of an element to Hex 06376F 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
#06376F }
```

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

```
.border{ border-color:#06376F }
```

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

Here you see how a box with a 4 pixel #06376F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06376F; -webkit-box-shadow:4px 4px  
4px 4px #06376F; box-shadow:4px 4px 4px  
4px #06376F }
```

Background

The CSS property to change the background color of an element to Hex 06376F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06376F }
```

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

```
.background{ background-color:#06376F }
```

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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