

Converting Colors

Hex(06367B)

Have a look what the booklet for
Hex(06367B) contains.

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Color

Hex(06367B)

Conversions

Conversions Part 1

Format	Color
Hex	06367B
RGB	6, 54, 123
RGB Percent	2%, 21%, 48%
CMY	0.9765, 0.7882, 0.5176
CMYK	0.95, 0.56, 0.00, 0.52
HSL	215°, 91%, 25%
HSV	215°, 95%, 48%
XYZ	4.9694, 4.1071, 19.2697
YIQ	47.5140, -50.7570, 11.2830

Conversions

Conversions Part 2

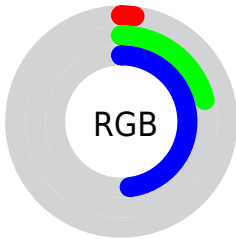
Format	Color
RYB	6, 40, 123
Decimal	407163
CIELab	24.02, 14.45, -43.28
CIElCh	24, 45.634, 288.466
Yxy	4.1071, 0.1753, 0.1449
Android (android.graphics.Color)	4278597243 (0xFF06367B)
YUV	47.5140, 37.2146, -36.4078
Hunter-Lab	20.2660, 8.3044, -42.1891

Details

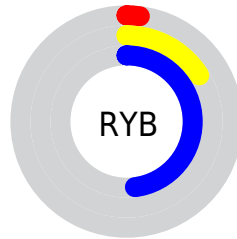
The Hex color **06367B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7B4B06**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **4D64B0**, and **000B49** is the 20% darker color. If you saturate the color by 10%, you get **00327B**, and if you desaturate by 10%, it is **123D7B**.

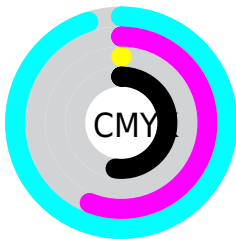
Distribution



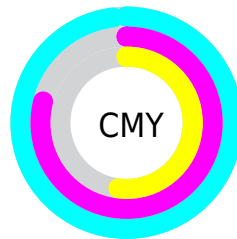
- Red (2%)
- Green (21%)
- Blue (48%)



- Red (2%)
- Yellow (16%)
- Blue (48%)



- Cyan (95%)
- Magenta (56%)
- Yellow (0%)
- Black (52%)



- Cyan (98%)
- Magenta (79%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06367B 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 06367B by changing the saturation by 10% instead.

■ 06367B

■ 06367B

FFFFFF

■ 002162

■ 4D64B0

■ 000B49

■ 697DCC

■ 000432

■ 8597E8

■ 00021C

■ A1B1FF

■ 000000

■ BECDFF

■ DBE9FF

■ F8FFFF

■ 06367B

■ 06367B

■ 00327B

■ 123D7B

■ 1F457B

■ 2B4C7B

■ 37537B

■ 445A7B

■ 50627B

■ 5C697B

■ 68707B

■ 75777B

Harmonies

Analogous

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



00417D



06367B



542467

Triad

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



06367B



682202



00472A

Complementary

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



06367B



7B4B06

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.



004403



06367B



523300

Square

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



06367B



740D26



343E00



00484E

Rectangle

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



06367B



681553



343E00



00461E

Sweetspot

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



06367B



7285A1



067B4A



354152



D1D1D1



525252

Same Dimension

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



06367B



0042A1



10067B



373A3D



00337D



0068FC

Inverse Universe

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



7B0636



A10042



717B06



3D373A



7D0033



FC0068

Previews

White Background



This preview shows how the Hex color 06367B looks on a white background.

Color Contrast Check

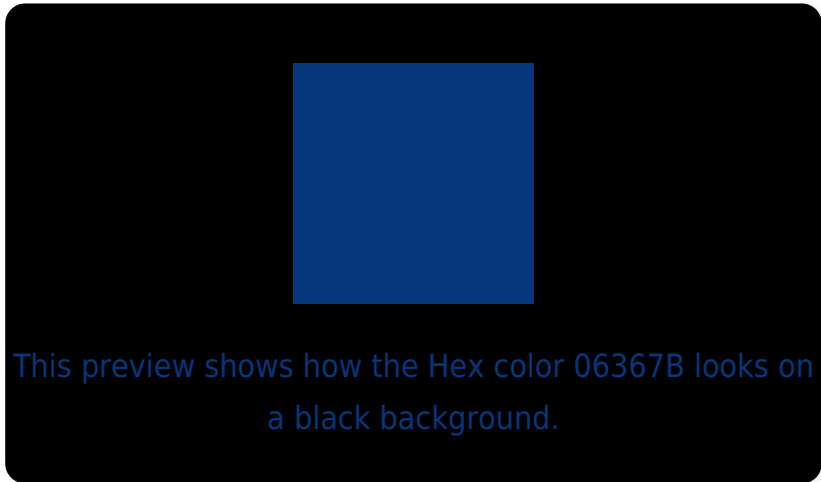
Large Text (above 18pt) WCAG AA ✓ Pass

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

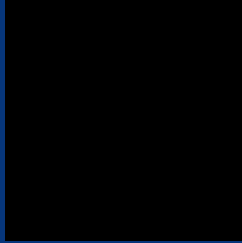
Any Text WCAG AA × Fail

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 06367B Background



This preview shows how black text looks on a background with the Hex color 06367B.



This preview shows how white text looks on a background with the Hex color 06367B.

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
06367B

Protanopia
003776

Deuteranopia
003B65

Trichromacy



Original Color
06367B

Protanomaly
023778

Deuteranomaly
02396D

Tritanomaly
023C58

Monochromacy



Original Color
06367B

Achromatopsia
303030

Achromatomaly
21324B

CSS Examples

Text

The CSS property to change the color of the text to Hex 06367B 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 #06367B looks like.

```
.text, #text, p{  
    color:#06367B  
}
```

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 #06367B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06367B
}
```

Border

The CSS property to change the border of an element to Hex 06367B 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
#06367B }
```

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

```
.border{ border-color:#06367B }
```

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

Here you see how a box with a 4 pixel #06367B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06367B; -webkit-box-shadow:4px 4px  
4px 4px #06367B; box-shadow:4px 4px 4px  
4px #06367B }
```

Background

The CSS property to change the background color of an element to Hex 06367B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06367B }
```

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

```
.background{ background-color:#06367B }
```

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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