

Converting Colors

Hex(06116E)

Have a look what the booklet for
Hex(06116E) contains.

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Color

Hex(06116E)

Conversions

Conversions Part 1

Format	Color
Hex	06116E
RGB	6, 17, 110
RGB Percent	2%, 7%, 43%
CMY	0.9765, 0.9333, 0.5686
CMYK	0.95, 0.85, 0.00, 0.57
HSL	234°, 90%, 23%
HSV	234°, 95%, 43%
XYZ	3.0900, 1.5654, 14.8911
YIQ	24.3130, -36.4090, 26.5910

Conversions

Conversions Part 2

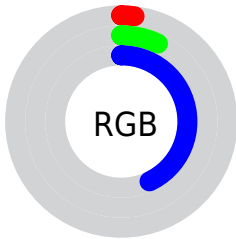
Format	Color
RYB	6, 16, 110
Decimal	397678
CIELab	13.02, 34.50, -53.01
CIELCh	13, 63.251, 303.058
Yxy	1.5654, 0.1581, 0.0801
Android (android.graphics.Color)	4278587758 (0xFF06116E)
YUV	24.3130, 42.2437, -16.0605
Hunter-Lab	12.5116, 22.1893, -61.8080

Details

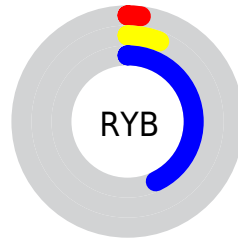
The Hex color **06116E** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6E6306**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **4D3DA3**, and **00033D** is the 20% darker color. If you saturate the color by 10%, you get **000C6E**, and if you desaturate by 10%, it is **111B6E**.

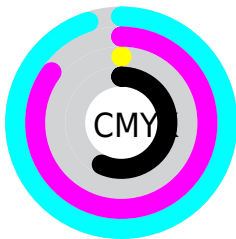
Distribution



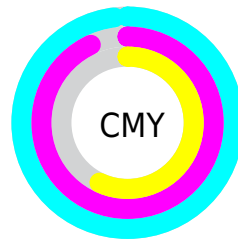
- Red (2%)
- Green (7%)
- Blue (43%)



- Red (2%)
- Yellow (6%)
- Blue (43%)



- Cyan (95%)
- Magenta (85%)
- Yellow (0%)
- Black (57%)



- Cyan (98%)
- Magenta (93%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06116E 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 06116E by changing the saturation by 10% instead.

 06116E

 06116E

 FFF5FF

 000055

 4D3DA3

 00033D

 6955BE

 000326

 846DDA

 00010F

 A187F7

 000000

 BDA1FF

 DABDFF

 F8D9FF

 06116E

 06116E

■ 000C6E

■ 111B6E

■ 1C256E

■ 272F6E

■ 32386E

■ 3D426E

■ 484C6E

■ 53566E

■ 5E606E

■ 696A6E

Harmonies

Analogous

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



00297D



06116E



55004B

Triad

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



06116E



480900



003125

Complementary

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



06116E



6E6306

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.



003000



06116E



272200

Square

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



06116E



5F0000



002B00



003252

Rectangle

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



06116E



64002E



002B00



003016

Sweetspot

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



06116E



676B8F



066E62



2F3247



C7C7C7



474747

Same Dimension

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



06116E



000F8F



2E066E



323338



000D78



001AF7

Inverse Universe

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



6E0611



8F000F



466E06



383233



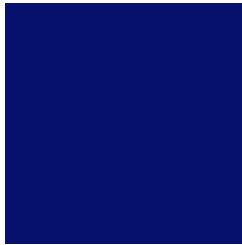
78000D



F7001A

Previews

White Background



This preview shows how the Hex color 06116E looks on a white background.

Color Contrast Check

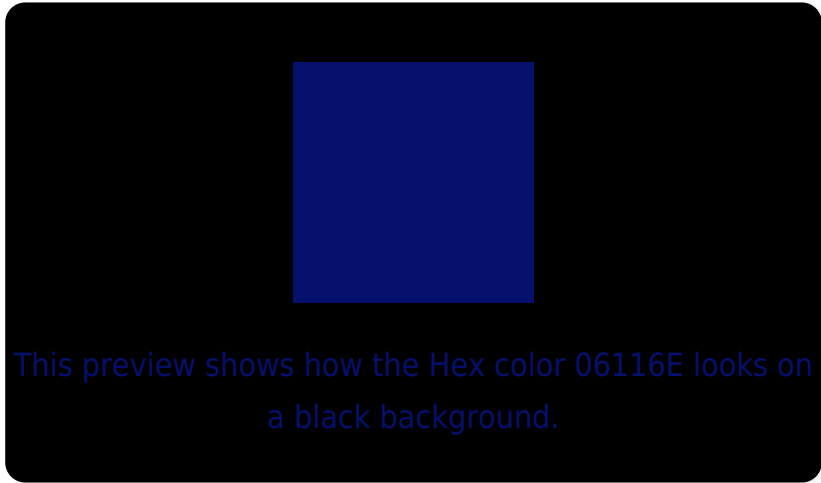
Large Text (above 18pt) WCAG AA ✓ Pass

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

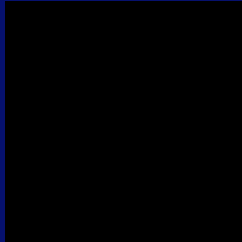
Any Text WCAG AA × Fail

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 06116E Background



This preview shows how black text looks on a background with the Hex color 06116E.



This preview shows how white text looks on a background with the Hex color 06116E.

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
06116E

Protanopia
002248

Deuteranopia
00253D



Tritanopia
00282A

Trichromacy



Original Color
06116E

Protanomaly
021C56

Deuteranomaly
021E4F

Tritanomaly
022043

Monochromacy



Original Color
06116E

Achromatopsia
181818

Achromatomaly
111537

CSS Examples

Text

The CSS property to change the color of the text to Hex 06116E 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 #06116E looks like.

```
.text, #text, p{  
    color:#06116E  
}
```

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 #06116E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06116E  
}
```

Border

The CSS property to change the border of an element to Hex 06116E 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  
#06116E }
```

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

```
.border{ border-color:#06116E }
```

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

Here you see how a box with a 4 pixel #06116E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06116E; -webkit-box-shadow:4px 4px  
4px 4px #06116E; box-shadow:4px 4px 4px  
4px #06116E }
```

Background

The CSS property to change the background color of an element to Hex 06116E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06116E }
```

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

```
.background{ background-color:#06116E }
```

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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