

Converting Colors

Hex(00116A)

Have a look what the booklet for
Hex(00116A) contains.

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Color

Hex(00116A)

Conversions

Conversions Part 1

Format	Color
Hex	00116A
RGB	0, 17, 106
RGB Percent	0%, 7%, 42%
CMY	1.0000, 0.9333, 0.5843
CMYK	1.00, 0.84, 0.00, 0.58
HSL	230°, 100%, 21%
HSV	230°, 100%, 42%
XYZ	2.8020, 1.4415, 13.7662
YIQ	22.0630, -38.7010, 24.0750

Conversions

Conversions Part 2

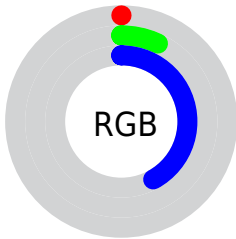
Format	Color
RYB	0, 15, 106
Decimal	4458
CIELab	12.23, 32.77, -51.71
CIELCh	12, 61.217, 302.367
Yxy	1.4415, 0.1556, 0.0800
Android (android.graphics.Color)	4278194538 (0xFF00116A)
YUV	22.0630, 41.3809, -19.3493
Hunter-Lab	12.0063, 20.6465, -59.5767

Details

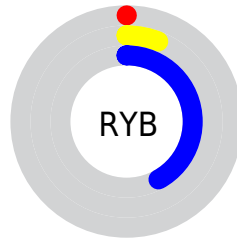
The Hex color **00116A** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6A5900**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **493D9E**, and **000539** is the 20% darker color. If you saturate the color by 10%, you get **00116A**, and if you desaturate by 10%, it is **0B1A6A**.

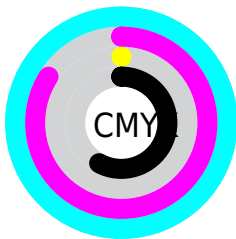
Distribution



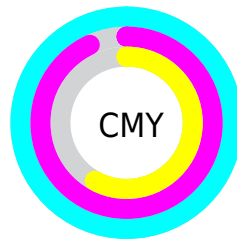
- Red (0%)
- Green (7%)
- Blue (42%)



- Red (0%)
- Yellow (6%)
- Blue (42%)



- Cyan (100%)
- Magenta (84%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (93%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00116A 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 00116A by changing the saturation by 10% instead.

 00116A

 00116A

 FFF4FF

 000051

 493D9E

 000539

 6554BA

 000223

 816DD6

 000009

 9D86F3

 000000

 B9A1FF

 D6BCFF

 F3D7FF

 00116A

■ 0B1A6A

■ 15236A

■ 202C6A

■ 2A356A

■ 353E6A

■ 40466A

■ 4A4F6A

■ 55586A

■ 5F616A

Harmonies

Analogous

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



002778



00116A



500048

Triad

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



00116A



460700



002E22

Complementary

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



00116A



6A5900

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.



002E00



00116A



262000

Square

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



00116A



5C0000



002900



00304D

Rectangle

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



00116A



5F002D



002900



002E13

Sweetspot

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



00116A



60678A



006A58



2C3045



C4C4C4



454545

Same Dimension

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



00116A



00168A



23006A



303136



001375



0027F5

Inverse Universe

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



6A0011



8A0016



476A00



363031



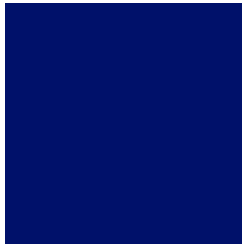
750013



F50027

Previews

White Background



This preview shows how the Hex color 00116A looks on a white background.

Color Contrast Check

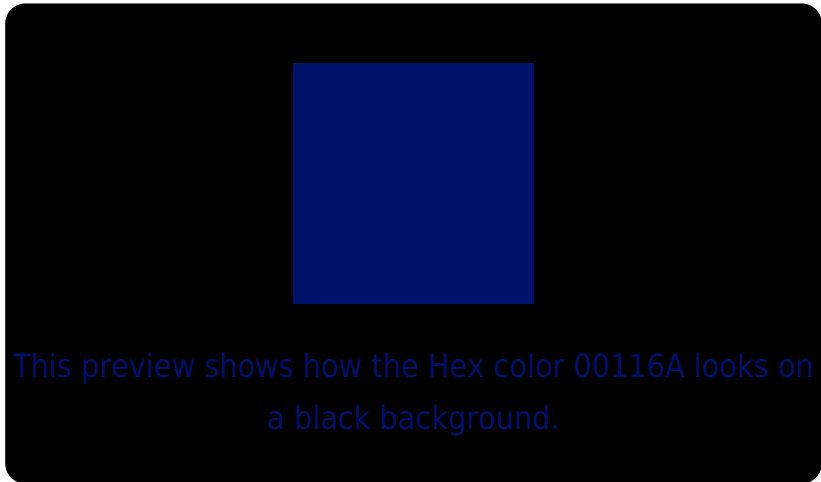
Large Text (above 18pt) WCAG AA ✓ Pass

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

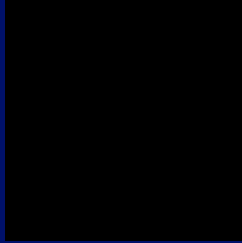
Any Text WCAG AA × Fail

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 00116A Background



This preview shows how black text looks on a background with the Hex color 00116A.



This preview shows how white text looks on a background with the Hex color 00116A.

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
00116A

Protanopia
002146

Deuteranopia
00243B

Trichromacy



Original Color
00116A

Protanomaly
001B53

Deuteranomaly
001D4C

Tritanomaly
001E40

Monochromacy



Original Color
00116A

Achromatopsia
161616

Achromatomaly
0E1435

CSS Examples

Text

The CSS property to change the color of the text to Hex 00116A 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 #00116A looks like.

```
.text, #text, p{  
    color:#00116A  
}
```

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 #00116A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00116A
}
```

Border

The CSS property to change the border of an element to Hex 00116A 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
#00116A }
```

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

```
.border{ border-color:#00116A }
```

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

Here you see how a box with a 4 pixel #00116A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00116A; -webkit-box-shadow:4px 4px  
4px 4px #00116A; box-shadow:4px 4px 4px  
4px #00116A }
```

Background

The CSS property to change the background color of an element to Hex 00116A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00116A }
```

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

```
.background{ background-color:#00116A }
```

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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