

Converting Colors

Hex(10006D)

Have a look what the booklet for
Hex(10006D) contains.

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Color

Hex(10006D)

Conversions

Conversions Part 1

Format	Color
Hex	10006D
RGB	16, 0, 109
RGB Percent	6%, 0%, 43%
CMY	0.9373, 1.0000, 0.5725
CMYK	0.85, 1.00, 0.00, 0.57
HSL	249°, 100%, 21%
HSV	249°, 100%, 43%
XYZ	2.9740, 1.2143, 14.5456
YIQ	17.2100, -25.4530, 37.2910

Conversions

Conversions Part 2

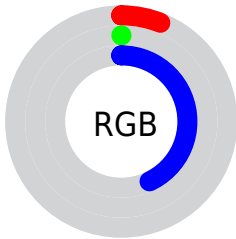
Format	Color
R_{YB}	16, 0, 109
Decimal	1048685
CIE _{Lab}	10.66, 42.63, -56.27
CIE _{LCh}	11, 70.597, 307.149
Yxy	1.2143, 0.1587, 0.0648
Android (android.graphics.Color)	4279238765 (0xFF10006D)
YUV	17.2100, 45.2525, -1.0612
Hunter-Lab	11.0195, 28.8906, -70.5488

Details

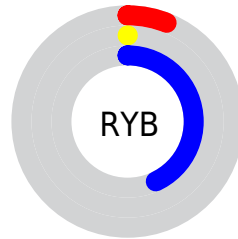
The Hex color **10006D** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5D6D00**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **5230A2**, and **00043C** is the 20% darker color. If you saturate the color by 10%, you get **10006D**, and if you desaturate by 10%, it is **190B6D**.

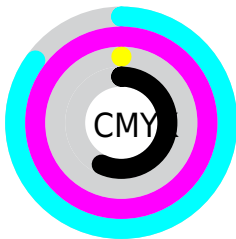
Distribution



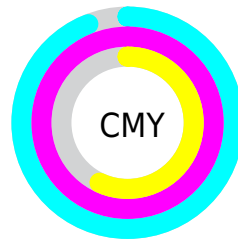
- Red (6%)
- Green (0%)
- Blue (43%)



- Red (6%)
- Yellow (0%)
- Blue (43%)



- Cyan (85%)
- Magenta (100%)
- Yellow (0%)
- Black (57%)



- Cyan (94%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10006D 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 10006D by changing the saturation by 10% instead.

 10006D

 10006D

 FFE8FF

 000054

 5230A2

 00043C

 6E48BD

 000225

 8A61DA

 00010D

 A67BF7

 000000

 C395FF

 E0B0FF

 FECCFF

 10006D

■ 190B6D

■ 23166D

■ 2C216D

■ 352C6D

■ 3F376D

■ 48416D

■ 514C6D

■ 5A576D

■ 64626D

Harmonies

Analogous

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



002482



10006D



580043

Triad

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



10006D



410500



002B28

Complementary

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



10006D



5D6D00

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.



002A00



10006D



1B1F00

Square

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



10006D



5B0000



002900



002D58

Rectangle

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



10006D



650024



002900



002A17

Sweetspot

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



10006D



6A648F



005E6D



312E47



C7C7C7



474747

Same Dimension

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



10006D



15008F



45006D



313036



110075



2400F5

Inverse Universe

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



6D005D



8F007A



286D00



363035



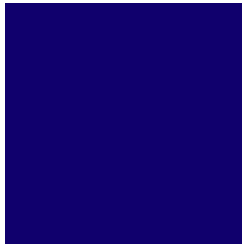
750064



F500D1

Previews

White Background



This preview shows how the Hex color 10006D looks on a white background.

Color Contrast Check

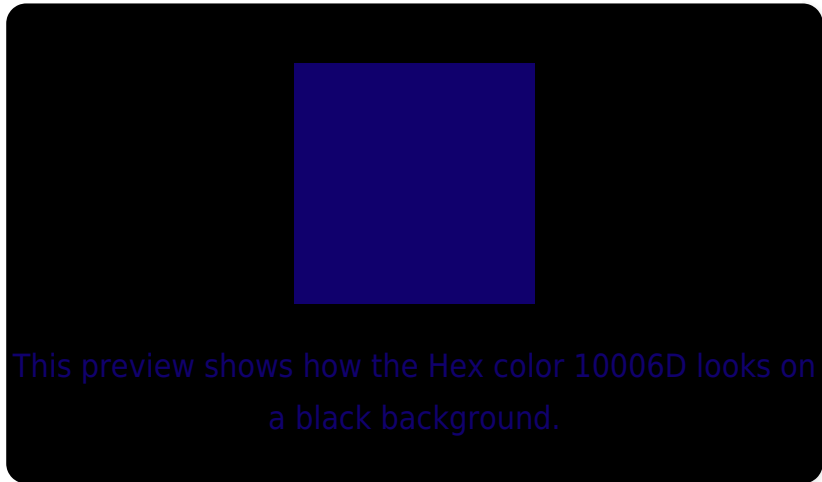
Large Text (above 18pt) WCAG AA ✓ Pass

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

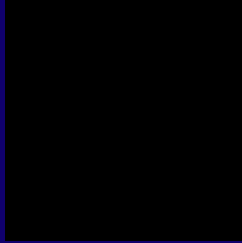
Any Text WCAG AA × Fail

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 10006D Background



This preview shows how black text looks on a background with the Hex color 10006D.



This preview shows how white text looks on a background with the Hex color 10006D.

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
10006D

Protanopia
002044

Deuteranopia
00233A

Trichromacy



Original Color
10006D

Protanomaly
061453

Deuteranomaly
06164D

Tritanomaly
061840

Monochromacy



Original Color
10006D

Achromatopsia
111111

Achromatomaly
110B32

CSS Examples

Text

The CSS property to change the color of the text to Hex 10006D 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 #10006D looks like.

```
.text, #text, p{  
    color:#10006D  
}
```

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 #10006D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10006D
}
```

Border

The CSS property to change the border of an element to Hex 10006D 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
#10006D }
```

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

```
.border{ border-color:#10006D }
```

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

Here you see how a box with a 4 pixel #10006D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10006D; -webkit-box-shadow:4px 4px  
4px 4px #10006D; box-shadow:4px 4px 4px  
4px #10006D }
```

Background

The CSS property to change the background color of an element to Hex 10006D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10006D }
```

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

```
.background{ background-color:#10006D }
```

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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