

Converting Colors

Hex(12006A)

Have a look what the booklet for
Hex(12006A) contains.

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Color

Hex(12006A)

Conversions

Conversions Part 1

Format	Color
Hex	12006A
RGB	18, 0, 106
RGB Percent	7%, 0%, 42%
CMY	0.9294, 1.0000, 0.5843
CMYK	0.83, 1.00, 0.00, 0.58
HSL	250°, 100%, 21%
HSV	250°, 100%, 42%
XYZ	2.8510, 1.1692, 13.7111
YIQ	17.4660, -23.2980, 36.7820

Conversions

Conversions Part 2

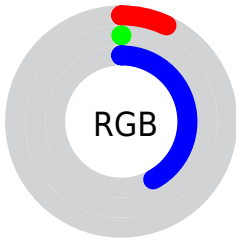
Format	Color
R_{YB}	18, 0, 106
Decimal	1179754
CIE _{Lab}	10.33, 41.87, -54.85
CIE _{LCh}	10, 69.006, 307.355
Yxy	1.1692, 0.1608, 0.0659
Android (android.graphics.Color)	4279369834 (0xFF12006A)
YUV	17.4660, 43.6473, 0.4683
Hunter-Lab	10.8130, 28.1410, -67.6119

Details

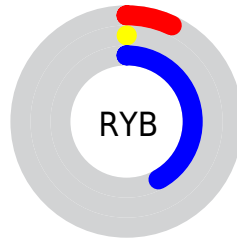
The Hex color **12006A** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **586A00**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **52309F**, and **000539** is the 20% darker color. If you saturate the color by 10%, you get **12006A**, and if you desaturate by 10%, it is **1B0B6A**.

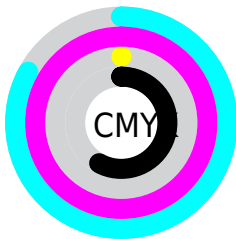
Distribution



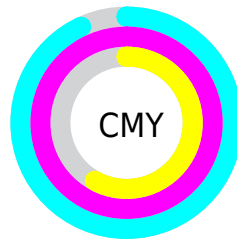
- Red (7%)
- Green (0%)
- Blue (42%)



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



- Cyan (83%)
- Magenta (100%)
- Yellow (0%)
- Black (58%)



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

Brightness & Saturation Gradients


These gradients show how the Hex color 12006A 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 12006A by changing the saturation by 10% instead.

 12006A

 12006A

 FFE8FF

 000051


 52309F

 000539

 6D48BA

 000223

 8961D6

 000009

 A67AF3

 000000

 C294FF

 DFB0FF

 FDCBFF

 12006A

■ 1B0B6A

■ 24156A

■ 2C206A

■ 352A6A

■ 3E356A

■ 47406A

■ 504A6A

■ 58556A

■ 615F6A

Harmonies

Analogous

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



00237F



12006A



560041

Triad

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



12006A



3F0600



002A27

Complementary

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



12006A



586A00

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.



002900



12006A



1A1F00

Square

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



12006A



590000



002800



002C56

Rectangle

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



12006A



630023



002800



002917

Sweetspot

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



12006A



67608A



00586A



302C45



C4C4C4



454545

Same Dimension

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



12006A



17008A



47006A



313036



140075



2A00F5

Inverse Universe

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



6A0058



8A0072



236A00



363035



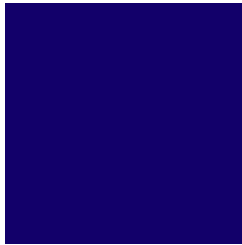
750061



F500CB

Previews

White Background



This preview shows how the Hex color 12006A looks on a white background.

Color Contrast Check

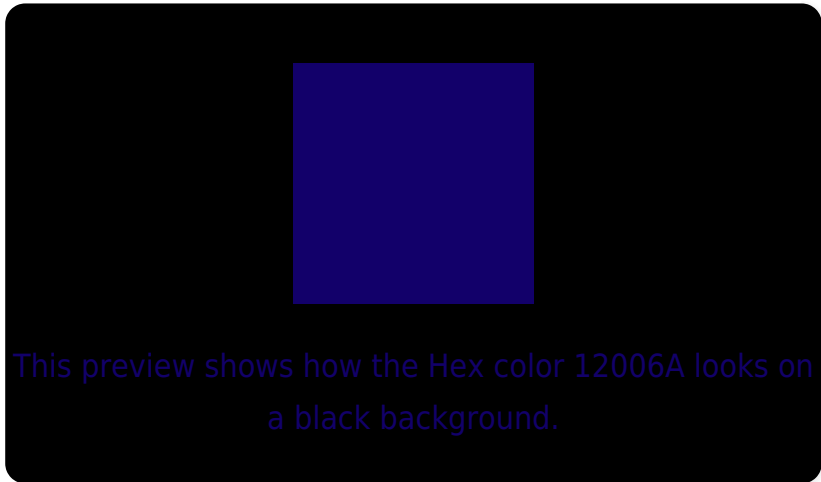
Large Text (above 18pt) WCAG AA ✓ Pass

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

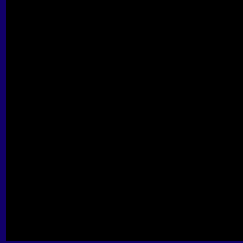
Any Text WCAG AA × Fail

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 12006A Background



This preview shows how black text looks on a background with the Hex color 12006A.



This preview shows how white text looks on a background with the Hex color 12006A.

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
12006A

Protanopia
002043

Deuteranopia
002239

Trichromacy



Original Color
12006A

Protanomaly
071451

Deuteranomaly
07164B

Tritanomaly
07183F

Monochromacy



Original Color
12006A

Achromatopsia
111111

Achromatomaly
110B31

CSS Examples

Text

The CSS property to change the color of the text to Hex 12006A 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 #12006A looks like.

```
.text, #text, p{  
    color:#12006A  
}
```

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 #12006A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12006A
}
```

Border

The CSS property to change the border of an element to Hex 12006A is called "border". The border property can be set on classes, ids or directly on the HTML element.

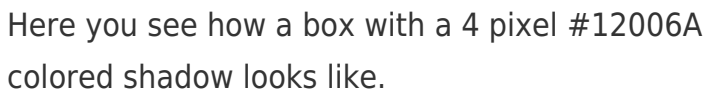
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#12006A }
```

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

```
.border{ border-color:#12006A }
```

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



Here you see how a box with a 4 pixel #12006A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12006A; -webkit-box-shadow:4px 4px  
4px 4px #12006A; box-shadow:4px 4px 4px  
4px #12006A }
```

Background

The CSS property to change the background color of an element to Hex 12006A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12006A }
```

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

```
.background{ background-color:#12006A }
```

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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