

Converting Colors

Hex(1C006F)

Have a look what the booklet for
Hex(1C006F) contains.

Hex(1C006F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1C006F)

Conversions

Conversions Part 1

Format	Color
Hex	1C006F
RGB	28, 0, 111
RGB Percent	11%, 0%, 44%
CMY	0.8902, 1.0000, 0.5647
CMYK	0.75, 1.00, 0.00, 0.56
HSL	255°, 100%, 22%
HSV	255°, 100%, 44%
XYZ	3.3481, 1.3946, 15.1316
YIQ	21.0260, -18.9430, 40.4570

Conversions

Conversions Part 2

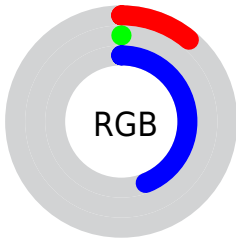
Format	Color
R_{YB}	28, 0, 111
Decimal	1835119
CIE _{Lab}	11.92, 43.55, -55.45
CIE _{LCh}	12, 70.513, 308.146
Yxy	1.3946, 0.1685, 0.0702
Android (android.graphics.Color)	4280025199 (0xFF1C006F)
YUV	21.0260, 44.3572, 6.1162
Hunter-Lab	11.8092, 29.9420, -67.7044

Details

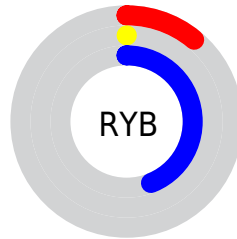
The Hex color **1C006F** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **536F00**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5832A4**, and **00003E** is the 20% darker color. If you saturate the color by 10%, you get **1C006F**, and if you desaturate by 10%, it is **240B6F**.

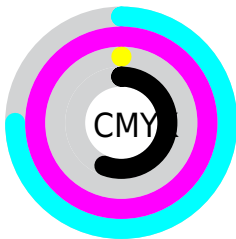
Distribution



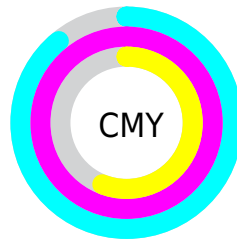
- Red (11%)
- Green (0%)
- Blue (44%)



- Red (11%)
- Yellow (0%)
- Blue (44%)



- Cyan (75%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



- Cyan (89%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C006F 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 1C006F by changing the saturation by 10% instead.

 1C006F

 1C006F

 FFEBFF

 000056

 5832A4

 00003E

 744AC0

 000327

 9063DC

 000110

 AD7DF9

 000000

 C997FF

 E7B3FF

 FFCEFF

 1C006F

■ 240B6F

■ 2D166F

■ 35216F

■ 3D2C6F

■ 46386F

■ 4E436F

■ 564E6F

■ 5E596F

■ 67646F

Harmonies

Analogous

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



002685



1C006F



5D0045

Triad

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



1C006F



430A00



002E2C

Complementary

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



1C006F



536F00

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.



002D00



1C006F



1C2200

Square

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



1C006F



5E0000



002B00



00315C

Rectangle

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



1C006F



690025



002B00



002D1B

Sweetspot

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



1C006F



716691



00536F



362F4A



C9C9C9



4A4A4A

Same Dimension

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



1C006F



250091



53006F



343238



1E0078



3E00F7

Inverse Universe

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



6F0053



91006D



1C6F00



383237



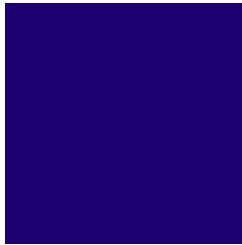
78005A



F700B9

Previews

White Background



This preview shows how the Hex color 1C006F looks on a white background.

Color Contrast Check

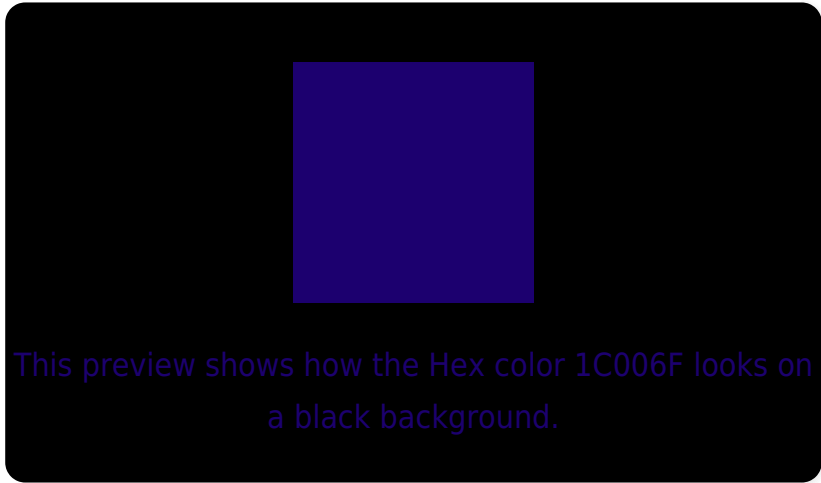
Large Text (above 18pt) WCAG AA ✓ Pass

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

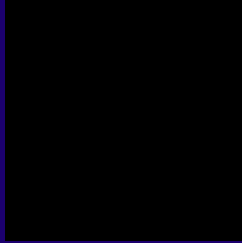
Any Text WCAG AA × Fail

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 1C006F Background



This preview shows how black text looks on a background with the Hex color 1C006F.



This preview shows how white text looks on a background with the Hex color 1C006F.

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
1C006F

Protanopia
002348

Deuteranopia
00253D



Tritanopia
00282A

Trichromacy



Original Color
1C006F

Protanomaly
0A1656

Deuteranomaly
0A184F

Tritanomaly
0A1943

Monochromacy



Original Color
1C006F

Achromatopsia
151515

Achromatomaly
180D36

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C006F 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 #1C006F looks like.

```
.text, #text, p{  
    color:#1C006F  
}
```

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 #1C006F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C006F
}
```

Border

The CSS property to change the border of an element to Hex 1C006F 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
#1C006F }
```

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

```
.border{ border-color:#1C006F }
```

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

Here you see how a box with a 4 pixel #1C006F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C006F; -webkit-box-shadow:4px 4px  
4px 4px #1C006F; box-shadow:4px 4px 4px  
4px #1C006F }
```

Background

The CSS property to change the background color of an element to Hex 1C006F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C006F }
```

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

```
.background{ background-color:#1C006F }
```

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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