

Converting Colors

Hex(001775)

Have a look what the booklet for
Hex(001775) contains.

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Color

Hex(001775)

Conversions

Conversions Part 1

Format	Color
Hex	001775
RGB	0, 23, 117
RGB Percent	0%, 9%, 46%
CMY	1.0000, 0.9098, 0.5412
CMYK	1.00, 0.80, 0.00, 0.54
HSL	228°, 100%, 23%
HSV	228°, 100%, 46%
XYZ	3.5173, 1.8971, 17.0104
YIQ	26.8390, -43.8820, 24.3580

Conversions

Conversions Part 2

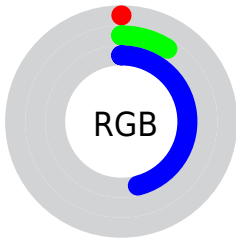
Format	Color
RYB	0, 19, 117
Decimal	6005
CIELab	14.94, 33.27, -54.38
CIELCh	15, 63.744, 301.458
Yxy	1.8971, 0.1568, 0.0846
Android (android.graphics.Color)	4278196085 (0xFF001775)
YUV	26.8390, 44.4494, -23.5378
Hunter-Lab	13.7737, 21.4782, -63.5812

Details

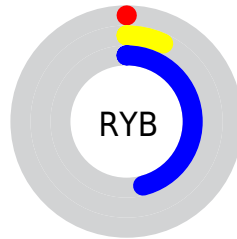
The Hex color **001775** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **755E00**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **4C43AA**, and **000043** is the 20% darker color. If you saturate the color by 10%, you get **001775**, and if you desaturate by 10%, it is **0C2075**.

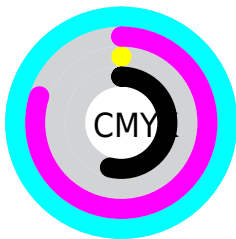
Distribution



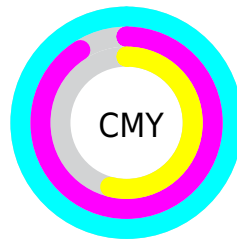
- Red (0%)
- Green (9%)
- Blue (46%)



- Red (0%)
- Yellow (7%)
- Blue (46%)



- Cyan (100%)
- Magenta (80%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (91%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001775 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 001775 by changing the saturation by 10% instead.

001775

001775

FFFCFF

00025C

4C43AA

000043

695BC6

00032C

8574E2

000116

A18DFF

000000

BEA8FF

DBC3FF

F9DFFF

001775

■ 0C2075

■ 172A75

■ 233375

■ 2F3D75

■ 3B4675

■ 464F75

■ 525975

■ 5E6275

■ 696C75

Harmonies

Analogous

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



002D83



001775



580052

Triad

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



001775



4F0B00



003627

Complementary

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



001775



755E00

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.



003300



001775



2E2500

Square

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



001775



660000



002F00



003654

Rectangle

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



001775



690035



002F00



003517

Sweetspot

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



001775



6B7499



00755E



31364D



CCCCCC



4D4D4D

Same Dimension

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



001775



001E99



230075



35363B



00187A



0031FA

Inverse Universe

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



750017



99001E



527500



3B3536



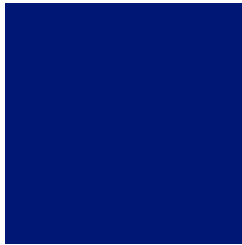
7A0018



FA0031

Previews

White Background



This preview shows how the Hex color 001775 looks on a white background.

Color Contrast Check

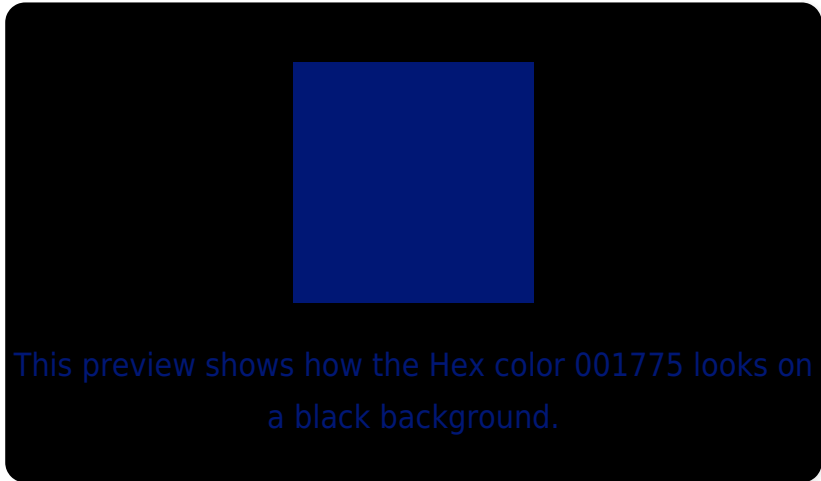
Large Text (above 18pt) WCAG AA ✓ Pass

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

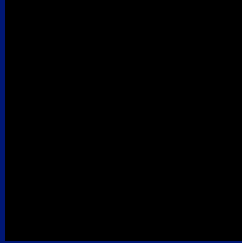
Any Text WCAG AA × Fail

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 001775 Background



This preview shows how black text looks on a background with the Hex color 001775.



This preview shows how white text looks on a background with the Hex color 001775.

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
001775

Protanopia
002650

Deuteranopia
002944

Trichromacy



Original Color
001775

Protanomaly
00215D

Deuteranomaly
002256

Monochromacy



Original Color
001775

Achromatopsia
1B1B1B

Achromatomaly
111A3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 001775 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 #001775 looks like.

```
.text, #text, p{  
    color:#001775  
}
```

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 #001775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001775
}
```

Border

The CSS property to change the border of an element to Hex 001775 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
#001775 }
```

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

```
.border{ border-color:#001775 }
```

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

Here you see how a box with a 4 pixel #001775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001775; -webkit-box-shadow:4px 4px  
4px 4px #001775; box-shadow:4px 4px 4px  
4px #001775 }
```

Background

The CSS property to change the background color of an element to Hex 001775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001775 }
```

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

```
.background{ background-color:#001775 }
```

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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