

Converting Colors

Hex(0B1775)

Have a look what the booklet for
Hex(0B1775) contains.

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Color

Hex(0B1775)

Conversions

Conversions Part 1

Format	Color
Hex	0B1775
RGB	11, 23, 117
RGB Percent	4%, 9%, 46%
CMY	0.9569, 0.9098, 0.5412
CMYK	0.91, 0.80, 0.00, 0.54
HSL	233°, 83%, 25%
HSV	233°, 91%, 46%
XYZ	3.6553, 1.9683, 17.0169
YIQ	30.1280, -37.3260, 26.6900

Conversions

Conversions Part 2

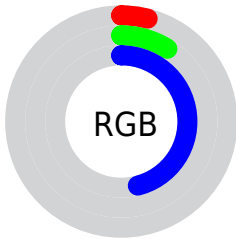
Format	Color
R_{YB}	11, 22, 117
Decimal	726901
CIE _{Lab}	15.32, 33.77, -53.73
CIE _{LCh}	15, 63.462, 302.151
Yxy	1.9683, 0.1614, 0.0869
Android (android.graphics.Color)	4278916981 (0xFF0B1775)
YUV	30.1280, 42.8279, -16.7753
Hunter-Lab	14.0296, 21.9549, -62.0938

Details

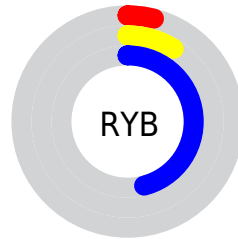
The Hex color **0B1775** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **75690B**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **5043AA**, and **000043** is the 20% darker color. If you saturate the color by 10%, you get **000D75**, and if you desaturate by 10%, it is **172175**.

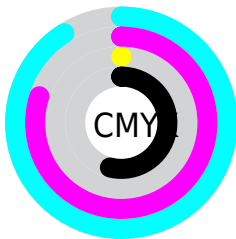
Distribution



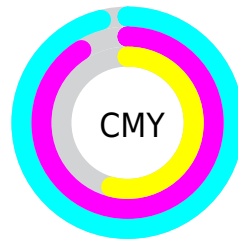
- Red (4%)
- Green (9%)
- Blue (46%)



- Red (4%)
- Yellow (9%)
- Blue (46%)



- Cyan (91%)
- Magenta (80%)
- Yellow (0%)
- Black (54%)



- Cyan (96%)
- Magenta (91%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B1775 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 0B1775 by changing the saturation by 10% instead.

0B1775

0B1775

FFFCFF

00025C

5043AA

000043

6C5BC6

00032C

8874E2

000116

A58EFF

000000

C1A8FF

DEC4FF

FCE0FF

0B1775

0B1775

■ 000D75

■ 172175

■ 222C75

■ 2E3675

■ 3A4175

■ 454B75

■ 515575

■ 5D6075

■ 696A75

■ 747475

Harmonies

Analogous

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



002E84



0B1775



5A0051

Triad

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



0B1775



500D00



003629

Complementary

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



0B1775



75690B

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.



003400



0B1775



2E2600

Square

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



0B1775



670000



003000



003756

Rectangle

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



0B1775



6A0034



003000



003619

Sweetspot

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



0B1775



707499



0B7569



34374D



CCCCCC



4D4D4D

Same Dimension

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



0B1775



001199



340B75



35353B



000E7A



001CFA

Inverse Universe

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



750B17



990011



4C750B



3B3535



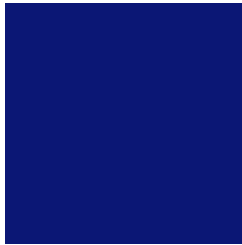
7A000E



FA001C

Previews

White Background



This preview shows how the Hex color 0B1775 looks on a white background.

Color Contrast Check

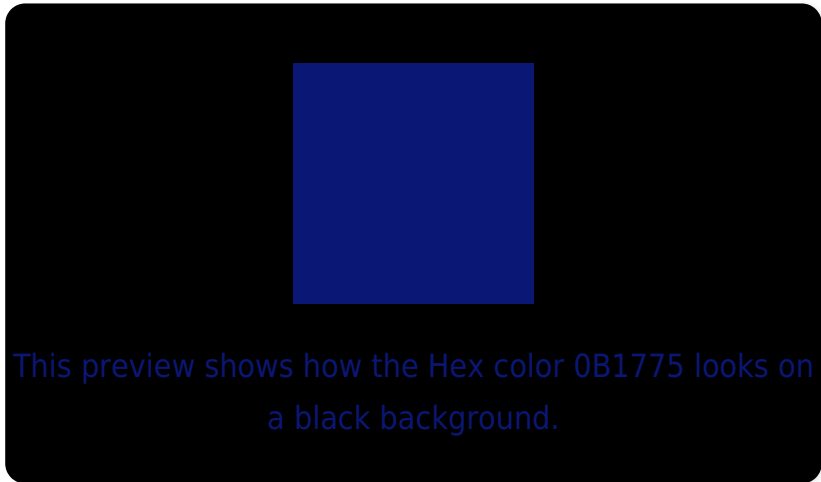
Large Text (above 18pt) WCAG AA ✓ Pass

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

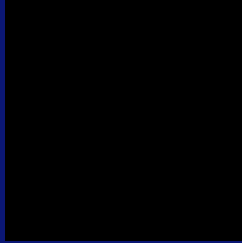
Any Text WCAG AA × Fail

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 0B1775 Background



This preview shows how black text looks on a background with the Hex color 0B1775.



This preview shows how white text looks on a background with the Hex color 0B1775.

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
0B1775

Protanopia
002651

Deuteranopia
002944

Trichromacy



Original Color
0B1775

Protanomaly
04215E

Deuteranomaly
042256

Tritanomaly
042448

Monochromacy



Original Color
0B1775

Achromatopsia
1E1E1E

Achromatomaly
171B3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B1775 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 #0B1775 looks like.

```
.text, #text, p{  
    color:#0B1775  
}
```

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 #0B1775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B1775
}
```

Border

The CSS property to change the border of an element to Hex 0B1775 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
#0B1775 }
```

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

```
.border{ border-color:#0B1775 }
```

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

Here you see how a box with a 4 pixel #0B1775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B1775; -webkit-box-shadow:4px 4px  
4px 4px #0B1775; box-shadow:4px 4px 4px  
4px #0B1775 }
```

Background

The CSS property to change the background color of an element to Hex 0B1775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B1775 }
```

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

```
.background{ background-color:#0B1775 }
```

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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