

Converting Colors

Hex(100477)

Have a look what the booklet for
Hex(100477) contains.

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Color

Hex(100477)

Conversions

Conversions Part 1

Format	Color
Hex	100477
RGB	16, 4, 119
RGB Percent	6%, 2%, 47%
CMY	0.9373, 0.9843, 0.5333
CMYK	0.87, 0.97, 0.00, 0.53
HSL	246°, 93%, 24%
HSV	246°, 97%, 47%
XYZ	3.5869, 1.5289, 17.5588
YIQ	20.6980, -29.7630, 38.3090

Conversions

Conversions Part 2

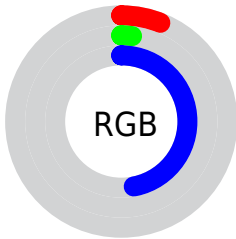
Format	Color
R _Y B	16, 4, 119
Decimal	1049719
CIE Lab	12.79, 43.61, -59.22
CIE LCh	13, 73.549, 306.369
Yxy	1.5289, 0.1582, 0.0674
Android (android.graphics.Color)	4279239799 (0xFF100477)
YUV	20.6980, 48.4629, -4.1201
Hunter-Lab	12.3649, 30.1418, -75.5397

Details

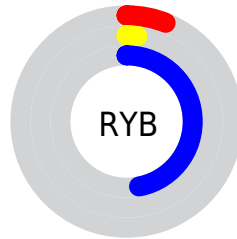
The Hex color **100477** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6B7704**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **5435AD**, and **000045** is the 20% darker color. If you saturate the color by 10%, you get **0C0077**, and if you desaturate by 10%, it is **1B1077**.

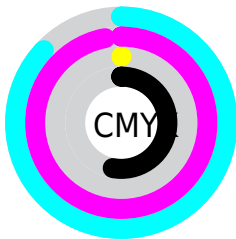
Distribution



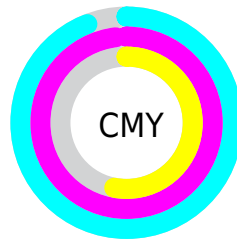
- Red (6%)
- Green (2%)
- Blue (47%)



- Red (6%)
- Yellow (2%)
- Blue (47%)



- Cyan (87%)
- Magenta (97%)
- Yellow (0%)
- Black (53%)



- Cyan (94%)
- Magenta (98%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 100477 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 100477 by changing the saturation by 10% instead.

 100477

 100477

 FFEEFF

 00005E

 5435AD

 000045

 714DC8

 00032E

 8D66E5

 000118

 AA80FF

 000000

 C79AFF

 E4B5FF

 FFD1FF

 100477

 100477

■ 0C0077

■ 1B1077

■ 251C77

■ 302877

■ 3B3477

■ 454077

■ 504B77

■ 5B5777

■ 656377

■ 706F77

Harmonies

Analogous

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



00298C



100477



60004B

Triad

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



100477



490700



00302B

Complementary

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



100477



6B7704

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.



002F00



100477



212300

Square

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



100477



640000



002D00



00335F

Rectangle

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



100477



6E002A



002D00



003019

Sweetspot

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



100477



736E9C



046B77



36334F



CFCFCF



4F4F4F

Same Dimension

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



100477



10009C



490477



35353B



0D007A



1A00FA

Inverse Universe

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



77046B



9C008B



327704



3B353A



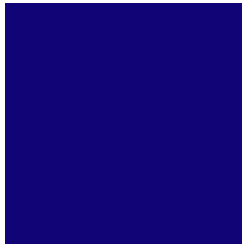
7A006E



FA00E0

Previews

White Background



This preview shows how the Hex color 100477 looks on a white background.

Color Contrast Check

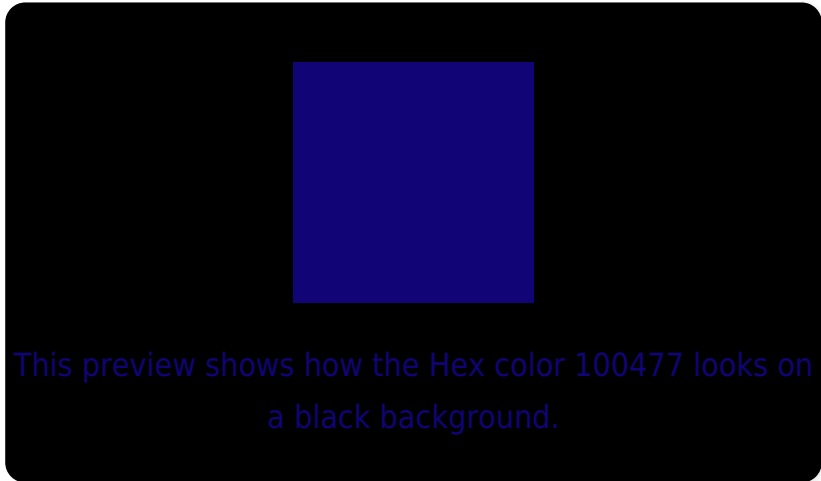
Large Text (above 18pt) WCAG AA ✓ Pass

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

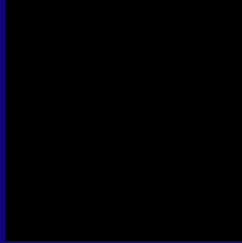
Any Text WCAG AA × Fail

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 100477 Background



This preview shows how black text looks on a background with the Hex color 100477.



This preview shows how white text looks on a background with the Hex color 100477.

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
100477

Protanopia
00234A

Deuteranopia
00263F



Tritanopia
00292B

Trichromacy



Original Color
100477

Protanomaly
06185A

Deuteranomaly
061A53

Tritanomaly
061C47

Monochromacy



Original Color
100477

Achromatopsia
151515

Achromatomaly
130F39

CSS Examples

Text

The CSS property to change the color of the text to Hex 100477 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 #100477 looks like.

```
.text, #text, p{  
    color:#100477  
}
```

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 #100477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #100477
}
```

Border

The CSS property to change the border of an element to Hex 100477 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
#100477 }
```

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

```
.border{ border-color:#100477 }
```

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

Here you see how a box with a 4 pixel #100477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #100477; -webkit-box-shadow:4px 4px  
4px 4px #100477; box-shadow:4px 4px 4px  
4px #100477 }
```

Background

The CSS property to change the background color of an element to Hex 100477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#100477 }
```

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

```
.background{ background-color:#100477 }
```

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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