

# Converting Colors

Hex(100F4C)

Have a look what the booklet for  
Hex(100F4C) contains.

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# Color

**Hex(100F4C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	100F4C
RGB	16, 15, 76
RGB Percent	6%, 6%, 30%
CMY	0.9373, 0.9412, 0.7020
CMYK	0.79, 0.80, 0.00, 0.70
HSL	241°, 67%, 18%
HSV	241°, 80%, 30%
XYZ	1.6890, 0.9736, 6.9364
YIQ	22.2530, -18.9850, 19.1830

# Conversions

## Conversions Part 2

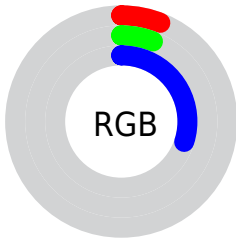
Format	Color
<a href="#">RYB</a>	16, 15, 76
Decimal	1052492
CIELab	8.77, 23.71, -37.17
CIELCh	9, 44.090, 302.534
Yxy	0.9736, 0.1760, 0.1014
Android (android.graphics.Color)	4279242572 (0xFF100F4C)
YUV	22.2530, 26.4973, -5.4839
Hunter-Lab	9.8672, 13.2873, -34.7724

# Details

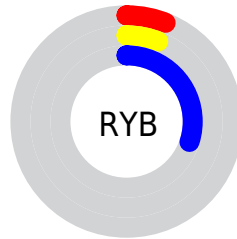
The Hex color **100F4C** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4B4C0F**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **46397E**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **09074C**, and if you desaturate by 10%, it is **17174C**.

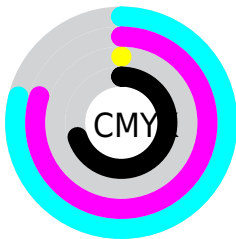
# Distribution



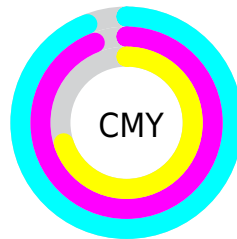
- Red (6%)
- Green (6%)
- Blue (30%)



- Red (6%)
- Yellow (6%)
- Blue (30%)



- Cyan (79%)
- Magenta (80%)
- Yellow (0%)
- Black (70%)



- Cyan (94%)
- Magenta (94%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 100F4C 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 100F4C by changing the saturation by 10% instead.



■ 100F4C

■ 100F4C

■ FFEFFF

■ 000035

■ 46397E

■ 00021F

■ 5F5098

■ 000001

■ 7A69B3

■ 000000

■ 9482CF

■ B09CEB

■ CCB7FF

■ E9D3FF

■ 100F4C

■ 100F4C

■ 09074C

■ 17174C

■ 01004C

■ 1F1E4C

■ 26264C

■ 2E2D4C

■ 35354C

■ 3D3D4C

■ 44444C

■ 4C4C4C

■ 53534C

# Harmonies

## Analogous

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



001D56



100F4C



3C0035

# Triad

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



100F4C



350A00



00251B

# Complementary

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



100F4C



4B4C0F

# 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.



002500



100F4C



1F1900

# Square

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



100F4C



440000



002100



002638

# Rectangle

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



100F4C



460022



002100



00250F



# Sweetspot

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



100F4C



4C4C63



0F4C4C



242433



B3B3B3



333333



# Same Dimension

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



100F4C



060463



2E0F4C



222226



020066



0400E6



# Inverse Universe

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



4C0F4B



630462



2E4C0F



262226



660064

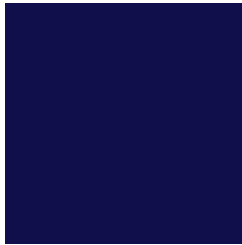


E600E2



# Previews

## White Background



This preview shows how the Hex color 100F4C looks on a white background.

## Color Contrast Check

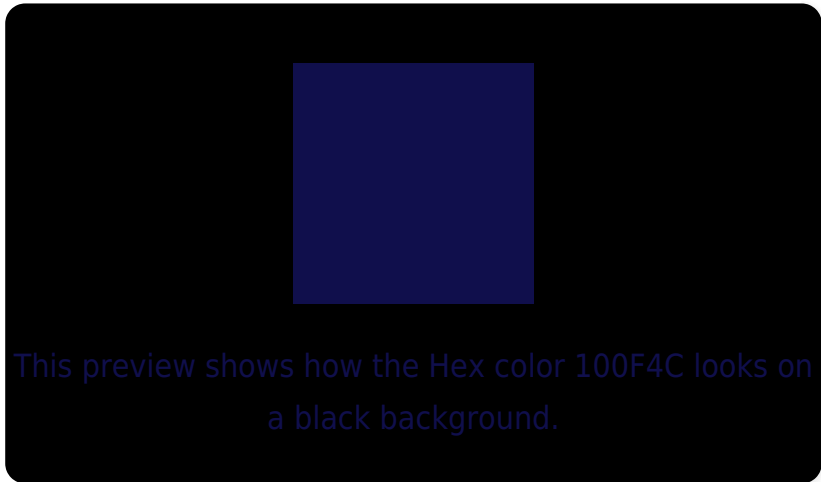
Large Text (above 18pt) WCAG AA ✓ Pass

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

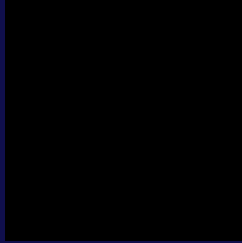
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 100F4C Background



This preview shows how black text looks on a background with the Hex color 100F4C.



This preview shows how white text looks on a background with the Hex color 100F4C.

# 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**  
100F4C

**Protanopia**  
001A36

**Deuteranopia**  
001B2E



**Tritanopia**  
001E1F

# Trichromacy



**Original Color**  
100F4C

**Protanomaly**  
06163E

**Deuteranomaly**  
061739

**Tritanomaly**  
06192F

# Monochromacy



**Original Color**  
100F4C

**Achromatopsia**  
161616

**Achromatomaly**  
14132A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 100F4C 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 #100F4C looks like.

```
.text, #text, p{  
    color:#100F4C  
}
```

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 #100F4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #100F4C
}
```

## Border

The CSS property to change the border of an element to Hex 100F4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

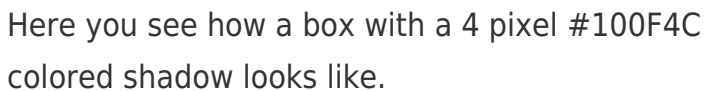
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#100F4C }
```

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

```
.border{ border-color:#100F4C }
```

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



Here you see how a box with a 4 pixel #100F4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #100F4C; -webkit-box-shadow:4px 4px  
4px 4px #100F4C; box-shadow:4px 4px 4px  
4px #100F4C }
```

# Background

The CSS property to change the background color of an element to Hex 100F4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#100F4C }
```

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

```
.background{ background-color:#100F4C }
```

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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