

Converting Colors

Hex(0F0078)

Have a look what the booklet for
Hex(0F0078) contains.

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Color

Hex(0F0078)

Conversions

Conversions Part 1

Format	Color
Hex	0F0078
RGB	15, 0, 120
RGB Percent	6%, 0%, 47%
CMY	0.9412, 1.0000, 0.5294
CMYK	0.88, 1.00, 0.00, 0.53
HSL	248°, 100%, 24%
HSV	248°, 100%, 47%
XYZ	3.5872, 1.4576, 17.8616
YIQ	18.1650, -29.5800, 40.5000

Conversions

Conversions Part 2

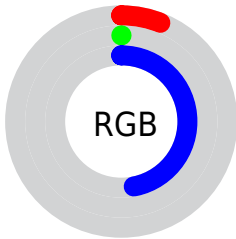
Format	Color
R_{YB}	15, 0, 120
Decimal	983160
CIE _{Lab}	12.34, 45.58, -60.63
CIE _{LCh}	12, 75.849, 306.934
Yxy	1.4576, 0.1566, 0.0636
Android (android.graphics.Color)	4279173240 (0xFF0F0078)
YUV	18.1650, 50.2047, -2.7757
Hunter-Lab	12.0732, 31.9074, -79.2647

Details

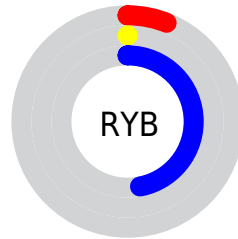
The Hex color **0F0078** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **697800**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **5432AE**, and **000046** is the 20% darker color. If you saturate the color by 10%, you get **0F0078**, and if you desaturate by 10%, it is **190C78**.

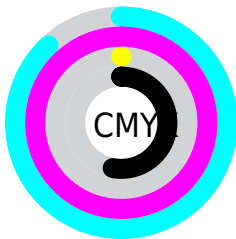
Distribution



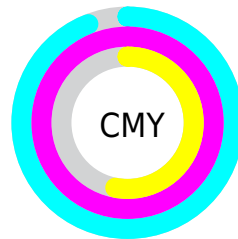
- Red (6%)
- Green (0%)
- Blue (47%)



- Red (6%)
- Yellow (0%)
- Blue (47%)



- Cyan (88%)
- Magenta (100%)
- Yellow (0%)
- Black (53%)



- Cyan (94%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F0078 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 0F0078 by changing the saturation by 10% instead.

0F0078

0F0078

FFEBFF

00005F

5432AE

000046

714ACA

00042E

8E63E6

000119

AB7DFF

000000

C898FF

E5B3FF

FFCFFF

0F0078

■ 190C78

■ 241878

■ 2F2478

■ 393078

■ 433C78

■ 4E4878

■ 595478

■ 636078

■ 6D6C78

Harmonies

Analogous

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



00288F



0F0078



61004B

Triad

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



0F0078



470500



002F2C

Complementary

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



0F0078



697800

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.



002E00



0F0078



1E2300

Square

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



0F0078



640000



002C00



003260

Rectangle

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



0F0078



6F0028



002C00



002E19

Sweetspot

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



0F0078



736D9C



006A78



36334F



CFCFCF



4F4F4F

Same Dimension

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



0F0078



13009C



4A0078



38373D



10007D



2000FC

Inverse Universe

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



780069



9C0088



2E7800



3D373C



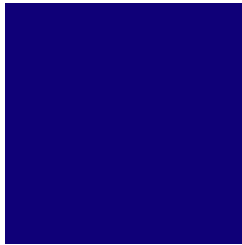
7D006D



FC00DD

Previews

White Background



This preview shows how the Hex color 0F0078 looks on a white background.

Color Contrast Check

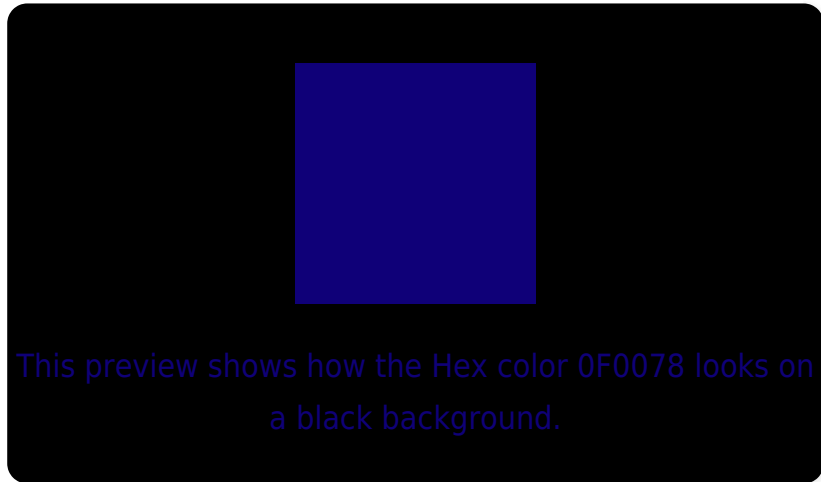
Large Text (above 18pt) WCAG AA ✓ Pass

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

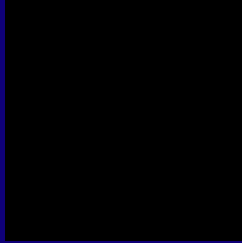
Any Text WCAG AA × Fail

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 0F0078 Background



This preview shows how black text looks on a background with the Hex color 0F0078.



This preview shows how white text looks on a background with the Hex color 0F0078.

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
0F0078

Protanopia
00244B

Deuteranopia
00263F



Tritanopia
00292B

Trichromacy



Original Color
0F0078

Protanomaly
05175B

Deuteranomaly
051854

Tritanomaly
051A47

Monochromacy



Original Color
0F0078

Achromatopsia
121212

Achromatomaly
110B37

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F0078 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 #0F0078 looks like.

```
.text, #text, p{  
    color:#0F0078  
}
```

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 #0F0078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F0078
}
```

Border

The CSS property to change the border of an element to Hex 0F0078 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
#0F0078 }
```

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

```
.border{ border-color:#0F0078 }
```

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

Here you see how a box with a 4 pixel #0F0078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F0078; -webkit-box-shadow:4px 4px  
4px 4px #0F0078; box-shadow:4px 4px 4px  
4px #0F0078 }
```

Background

The CSS property to change the background color of an element to Hex 0F0078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F0078 }
```

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

```
.background{ background-color:#0F0078 }
```

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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