

Converting Colors

Hex(0F0642)

Have a look what the booklet for
Hex(0F0642) contains.

Hex(0F0642)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0F0642)

Conversions

Conversions Part 1

Format	Color
Hex	0F0642
RGB	15, 6, 66
RGB Percent	6%, 2%, 26%
CMY	0.9412, 0.9765, 0.7412
CMYK	0.77, 0.91, 0.00, 0.74
HSL	249°, 83%, 14%
HSV	249°, 91%, 26%
XYZ	1.2455, 0.6252, 5.2093
YIQ	15.5310, -13.8960, 20.5680

Conversions

Conversions Part 2

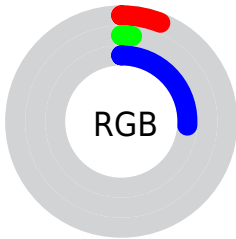
Format	Color
R_{YB}	15, 6, 66
Decimal	984642
CIE _{Lab}	5.65, 24.57, -35.28
CIE _{LCh}	6, 42.997, 304.856
Yxy	0.6252, 0.1759, 0.0883
Android (android.graphics.Color)	4279174722 (0xFF0F0642)
YUV	15.5310, 24.8812, -0.4657
Hunter-Lab	7.9067, 14.2814, -33.5283

Details

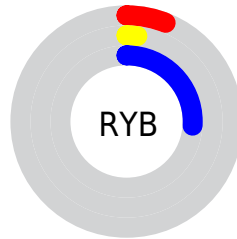
The Hex color **0F0642** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **394206**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **423173**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **0A0042**, and if you desaturate by 10%, it is **150D42**.

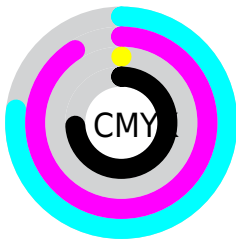
Distribution



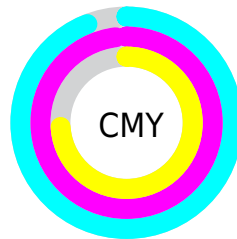
- Red (6%)
- Green (2%)
- Blue (26%)



- Red (6%)
- Yellow (2%)
- Blue (26%)



- Cyan (77%)
- Magenta (91%)
- Yellow (0%)
- Black (74%)



- Cyan (94%)
- Magenta (98%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F0642 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 0F0642 by changing the saturation by 10% instead.

0F0642

0F0642

FFE5FF

00002B

423173

000116

5C488D

000000

7560A7

9079C3

AB93DF

C7AEFC

E4C9FF

0F0642

0F0642

■ 0A0042

■ 150D42

■ 1A1342

■ 201A42

■ 252042

■ 2B2742

■ 312E42

■ 363442

■ 3C3B42

■ 414142

Harmonies

Analogous

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



00164C



0F0642



35002B

Triad

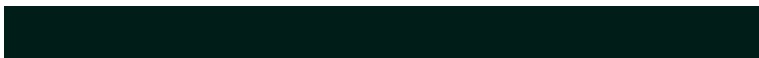
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0F0642



2B0500



001D17

Complementary

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



0F0642



394206

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.



001C00



0F0642



141400

Square

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



0F0642



3A0000



001C00



001E33

Rectangle

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



0F0642



3E0019



001C00



001C0A

Sweetspot

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



0F0642



433F57



063942



201D2B



ABABAB



2B2B2B

Same Dimension

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



0F0642



0D0057



2D0642



1E1E21



0F0061



2200E0

Inverse Universe

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



420639



57004A



1B4206



211E21



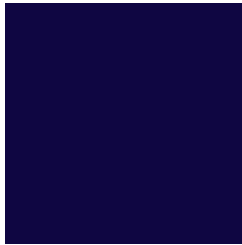
610052



E000BF

Previews

White Background



This preview shows how the Hex color 0F0642 looks on a white background.

Color Contrast Check

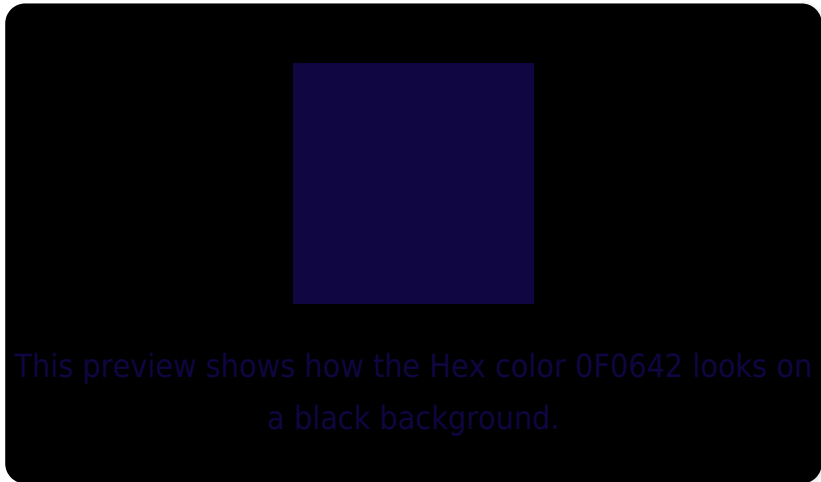
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F0642 Background



This preview shows how black text looks on a background with the Hex color 0F0642.



This preview shows how white text looks on a background with the Hex color 0F0642.

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
0F0642

Protanopia
00152B

Deuteranopia
001625



Tritanopia
001819

Trichromacy



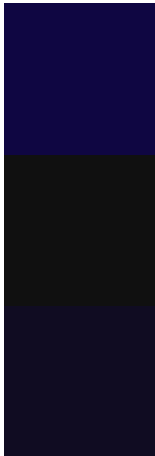
Original Color
0F0642

Protanomaly
051033

Deuteranomaly
051030

Tritanomaly
051128

Monochromacy



Original Color
0F0642

Achromatopsia
101010

Achromatomaly
100C22

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F0642 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 #0F0642 looks like.

```
.text, #text, p{  
    color:#0F0642  
}
```

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 #0F0642 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F0642
}
```

Border

The CSS property to change the border of an element to Hex 0F0642 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
#0F0642 }
```

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

```
.border{ border-color:#0F0642 }
```

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

Here you see how a box with a 4 pixel #0F0642 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F0642; -webkit-box-shadow:4px 4px  
4px 4px #0F0642; box-shadow:4px 4px 4px  
4px #0F0642 }
```

Background

The CSS property to change the background color of an element to Hex 0F0642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F0642 }
```

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

```
.background{ background-color:#0F0642 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor