

Converting Colors

Hex(3F0B64)

Have a look what the booklet for
Hex(3F0B64) contains.

Hex(3F0B64)	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(3F0B64)

Conversions

Conversions Part 1

Format	Color
Hex	3F0B64
RGB	63, 11, 100
RGB Percent	25%, 4%, 39%
CMY	0.7529, 0.9569, 0.6078
CMYK	0.37, 0.89, 0.00, 0.61
HSL	275°, 80%, 22%
HSV	275°, 89%, 39%
XYZ	4.4698, 2.2162, 12.2488
YIQ	36.6940, 2.4230, 38.7030

Conversions

Conversions Part 2

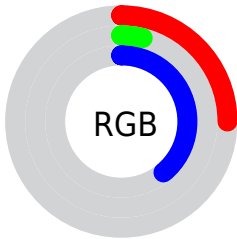
Format	Color
RYB	63, 11, 100
Decimal	4131684
CIELab	16.58, 40.03, -40.37
CIElCh	17, 56.852, 314.759
Yxy	2.2162, 0.2361, 0.1170
Android (android.graphics.Color)	4282321764 (0xFF3F0B64)
YUV	36.6940, 31.2099, 23.0704
Hunter-Lab	14.8869, 27.5428, -38.3622

Details

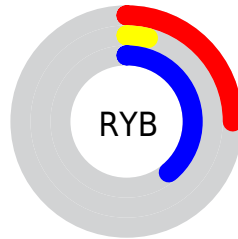
The Hex color **3F0B64** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **30640B**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **733E98**, and **0C0034** is the 20% darker color. If you saturate the color by 10%, you get **3B0164**, and if you desaturate by 10%, it is **431564**.

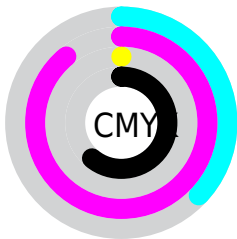
Distribution



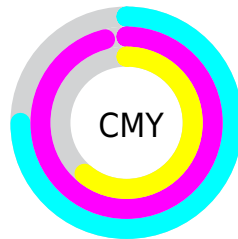
- Red (25%)
- Green (4%)
- Blue (39%)



- Red (25%)
- Yellow (4%)
- Blue (39%)



- Cyan (37%)
- Magenta (89%)
- Yellow (0%)
- Black (61%)



- Cyan (75%)
- Magenta (96%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F0B64 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 3F0B64 by changing the saturation by 10% instead.

 3F0B64

 3F0B64

 FFF9FF

 25004C

 733E98

 0C0034

 8E56B3

 00021E

 A970CF

 000000

 C58AEB

 E2A5FF

 FFC0FF

 FFDDFF

 3F0B64

 3F0B64

■ 3B0164

■ 431564

■ 3A0064

■ 471F64

■ 4B2964

■ 503364

■ 543D64

■ 584764

■ 5C5164

■ 605B64

■ 646564

Harmonies

Analogous

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



00297A



3F0B64



63003F

Triad

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



3F0B64



441F00



00383D

Complementary

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



3F0B64



30640B

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.



003711



3F0B64



212E00

Square

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



3F0B64



5E0000



003400



003863

Rectangle

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



3F0B64



6A0025



003400



00382F

Sweetspot

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



3F0B64



735F82



0B3064



392D42



C2C2C2



424242

Same Dimension

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



3F0B64



4C0082



640B5D



312E33



430073



8E00F2

Inverse Universe

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



640B30



820036



0B6412



332E30



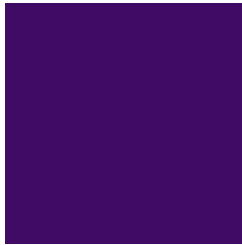
730030



F20065

Previews

White Background



This preview shows how the Hex color 3F0B64 looks on a white background.

Color Contrast Check

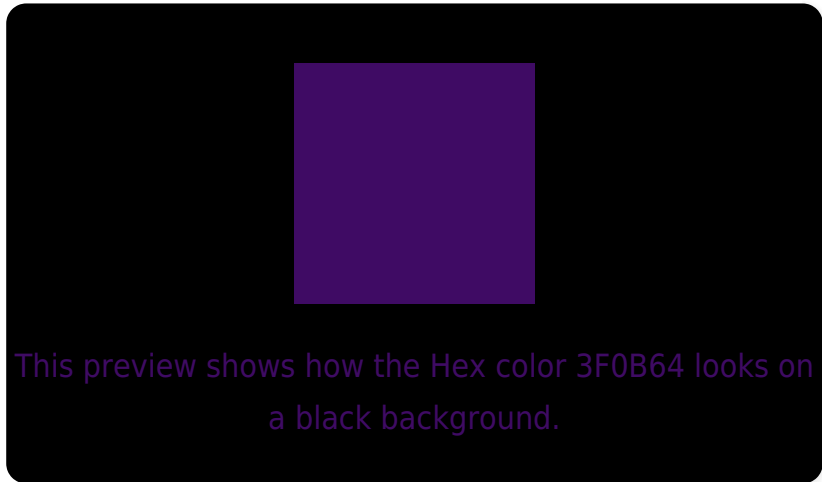
Large Text (above 18pt) WCAG AA ✓ Pass

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

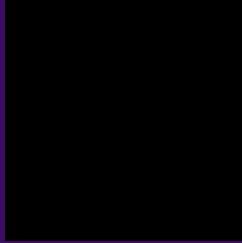
Any Text WCAG AA × Fail

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 3F0B64 Background



This preview shows how black text looks on a background with the Hex color 3F0B64.



This preview shows how white text looks on a background with the Hex color 3F0B64.

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
3F0B64

Protanopia
002A58

Deuteranopia
002C4C



Tritanopia
34282B

Trichromacy



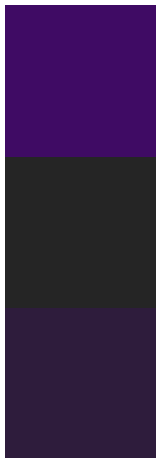
Original Color
3F0B64

Protanomaly
171F5C

Deuteranomaly
172055

Tritanomaly
381D40

Monochromacy



Original Color
3F0B64

Achromatopsia
252525

Achromatomaly
2E1C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F0B64 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 #3F0B64 looks like.

```
.text, #text, p{  
    color:#3F0B64  
}
```

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 #3F0B64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F0B64
}
```

Border

The CSS property to change the border of an element to Hex 3F0B64 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
#3F0B64 }
```

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

```
.border{ border-color:#3F0B64 }
```

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

Here you see how a box with a 4 pixel #3F0B64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F0B64; -webkit-box-shadow:4px 4px  
4px 4px #3F0B64; box-shadow:4px 4px 4px  
4px #3F0B64 }
```

Background

The CSS property to change the background color of an element to Hex 3F0B64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F0B64 }
```

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

```
.background{ background-color:#3F0B64 }
```

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