

Converting Colors

Hex(3F0164)

Have a look what the booklet for
Hex(3F0164) contains.

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Color

Hex(3F0164)

Conversions

Conversions Part 1

Format	Color
Hex	3F0164
RGB	63, 1, 100
RGB Percent	25%, 0%, 39%
CMY	0.7529, 0.9961, 0.6078
CMYK	0.37, 0.99, 0.00, 0.61
HSL	278°, 98%, 20%
HSV	278°, 99%, 39%
XYZ	4.3610, 1.9986, 12.2125
YIQ	30.8240, 5.1730, 43.9330

Conversions

Conversions Part 2

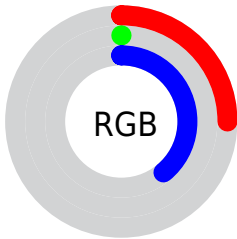
Format	Color
RYB	63, 1, 100
Decimal	4129124
CIELab	15.48, 43.31, -42.18
CIElCh	15, 60.454, 315.760
Yxy	1.9986, 0.2348, 0.1076
Android (android.graphics.Color)	4282319204 (0xFF3F0164)
YUV	30.8240, 34.1038, 28.2184
Hunter-Lab	14.1371, 30.3238, -41.3225

Details

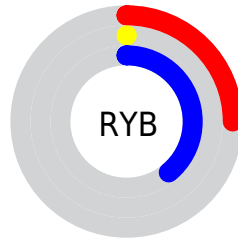
The Hex color **3F0164** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **266401**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **733898**, and **090034** is the 20% darker color. If you saturate the color by 10%, you get **3F0064**, and if you desaturate by 10%, it is **430B64**.

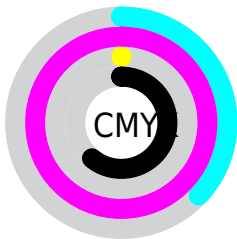
Distribution



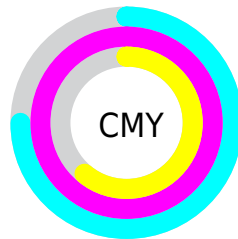
- Red (25%)
- Green (0%)
- Blue (39%)



- Red (25%)
- Yellow (0%)
- Blue (39%)



- Cyan (37%)
- Magenta (99%)
- Yellow (0%)
- Black (61%)



- Cyan (75%)
- Magenta (100%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F0164 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 3F0164 by changing the saturation by 10% instead.

 3F0164

 3F0164

 FFF4FF

 25004C

 733898

 090034

 8E51B3

 00021E

 AA6ACF

 000000

 C684EB

 E39FFF

 FFBBFF

 FFD7FF

 3F0164

 3F0164

■ 3F0064

■ 430B64

■ 461564

■ 4A1F64

■ 4E2964

■ 523364

■ 553D64

■ 594764

■ 5D5164

■ 615B64

Harmonies

Analogous

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



00267C



3F0164



64003D

Triad

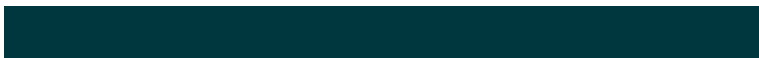
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3F0164



411D00



00363D

Complementary

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



3F0164



266401

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.



00350F



3F0164



1B2C00

Square

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



3F0164



5C0000



003200



003665

Rectangle

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



3F0164



6B0021



003200



00362E

Sweetspot

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



3F0164



735B82



012764



392A42



C2C2C2



424242

Same Dimension

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



3F0164



510082



640158



312E33



480073



9800F2

Inverse Universe

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



640126



820031



01640D



332E30



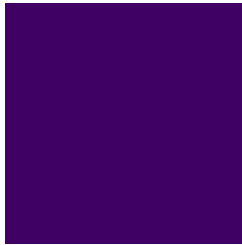
73002B



F2005B

Previews

White Background



This preview shows how the Hex color 3F0164 looks on a white background.

Color Contrast Check

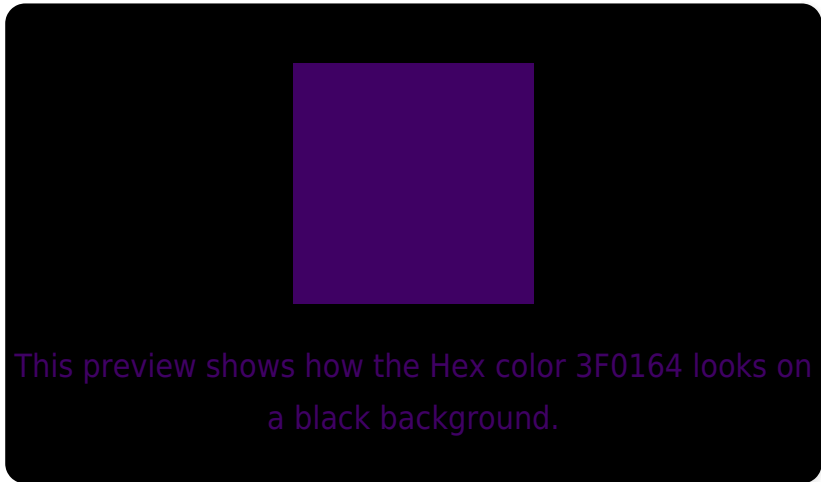
Large Text (above 18pt) WCAG AA ✓ Pass

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

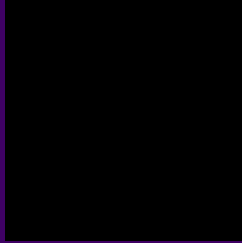
Any Text WCAG AA × Fail

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 3F0164 Background



This preview shows how black text looks on a background with the Hex color 3F0164.



This preview shows how white text looks on a background with the Hex color 3F0164.

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](#).

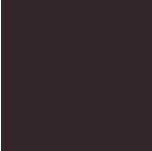
Dichromacy



Original Color
3F0164

Protanopia
002956

Deuteranopia
002C4A



Tritanopia
34272A

Trichromacy



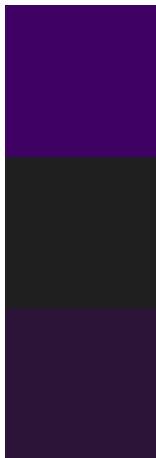
Original Color
3F0164

Protanomaly
171A5B

Deuteranomaly
171C53

Tritanomaly
38193F

Monochromacy



Original Color
3F0164

Achromatopsia
1F1F1F

Achromatomaly
2B1438

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F0164 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 #3F0164 looks like.

```
.text, #text, p{  
    color:#3F0164  
}
```

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 #3F0164 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F0164
}
```

Border

The CSS property to change the border of an element to Hex 3F0164 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
#3F0164 }
```

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

```
.border{ border-color:#3F0164 }
```

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

Here you see how a box with a 4 pixel #3F0164 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F0164; -webkit-box-shadow:4px 4px  
4px 4px #3F0164; box-shadow:4px 4px 4px  
4px #3F0164 }
```

Background

The CSS property to change the background color of an element to Hex 3F0164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F0164 }
```

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

```
.background{ background-color:#3F0164 }
```

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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