

# Converting Colors

Hex(3F2040)

Have a look what the booklet for  
Hex(3F2040) contains.

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# Color

**Hex(3F2040)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F2040
RGB	63, 32, 64
RGB Percent	25%, 13%, 25%
CMY	0.7529, 0.8745, 0.7490
CMYK	0.02, 0.50, 0.00, 0.75
HSL	298°, 33%, 19%
HSV	298°, 50%, 25%
XYZ	3.4918, 2.4600, 5.1413
YIQ	44.9170, 8.2040, 16.5240

# Conversions

## Conversions Part 2

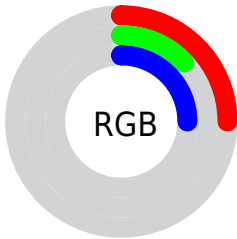
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	63, 32, 64
Decimal	4137024
CIE Lab	17.74, 20.80, -14.12
CIE LCh	18, 25.141, 325.827
Yxy	2.4600, 0.3148, 0.2218
Android (android.graphics.Color)	4282327104 (0xFF3F2040)
YUV	44.9170, 9.4079, 15.8588
Hunter-Lab	15.6842, 12.2926, -8.4562

# Details

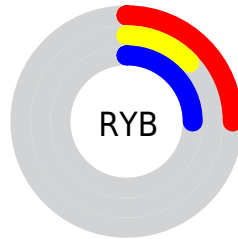
The Hex color **3F2040** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **214020**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **704D70**, and **100015** is the 20% darker color. If you saturate the color by 10%, you get **3F1A40**, and if you desaturate by 10%, it is **3F2640**.

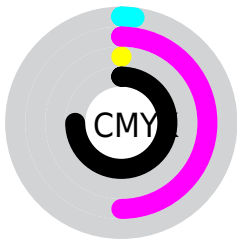
# Distribution



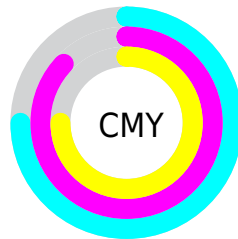
- Red (25%)
- Green (13%)
- Blue (25%)



- Red (25%)
- Yellow (13%)
- Blue (25%)



- Cyan (2%)
- Magenta (50%)
- Yellow (0%)
- Black (75%)



- Cyan (75%)
- Magenta (87%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F2040 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 3F2040 by changing the saturation by 10% instead.





3F2040



3F2040

FFFFFF



280B2A



704D70



100015



896689



000000



A47FA4



BF99BF



DBB4DB



F8CFF7



FFECFF



3F2040



3F2040

■ 3F1A40

■ 3F2640

■ 3F1340

■ 3F2D40

■ 3E0D40

■ 403340

■ 3E0640

■ 403A40

■ 3E0040

■ 404040

■ 404640

■ 404D40

■ 415340

■ 415A40

# Harmonies

## Analogous

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



27284C



3F2040



4B1B2F

# Triad

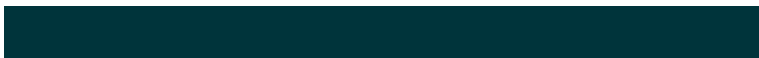
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3F2040



382A01



00343B

# Complementary

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



3F2040



214020

# 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.



003428



3F2040



262F06

# Square

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



3F2040



45230D



0D3216



003249

# Rectangle

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



3F2040



4C1B23



0D3216



003435



# Sweetspot

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



3F2040



544854



202140



2B242B



ABABAB



2B2B2B



# Same Dimension

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



3F2040



532254



402031



211E21



5E0061



D900E0



# Inverse Universe

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



402021



542223



20402F



211E1E



610003



E00007



# Previews

## White Background



This preview shows how the Hex color 3F2040 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

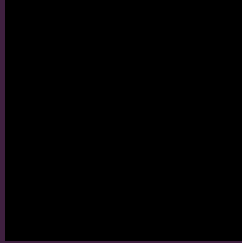
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F2040 Background



This preview shows how black text looks on a background with the Hex color 3F2040.



This preview shows how white text looks on a background with the Hex color 3F2040.

# 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](#).

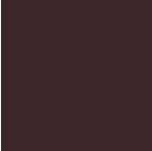
## Dichromacy



**Original Color**  
3F2040

**Protanopia**  
202B4A

**Deuteranopia**  
262C3E



**Tritanopia**  
3C2629

# Trichromacy



**Original Color**  
3F2040

**Protanomaly**  
2B2746

**Deuteranomaly**  
2F283F

**Tritanomaly**  
3D2431

# Monochromacy



**Original Color**  
3F2040

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
342834

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F2040 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 #3F2040 looks like.

```
.text, #text, p{  
    color:#3F2040  
}
```

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 #3F2040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F2040
}
```

## Border

The CSS property to change the border of an element to Hex 3F2040 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
#3F2040 }
```

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

```
.border{ border-color:#3F2040 }
```

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

Here you see how a box with a 4 pixel #3F2040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F2040; -webkit-box-shadow:4px 4px  
4px 4px #3F2040; box-shadow:4px 4px 4px  
4px #3F2040 }
```

# Background

The CSS property to change the background color of an element to Hex 3F2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F2040 }
```

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

```
.background{ background-color:#3F2040 }
```

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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