

Converting Colors

Hex(3F2244)

Have a look what the booklet for
Hex(3F2244) contains.

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Color

Hex(3F2244)

Conversions

Conversions Part 1

Format	Color
Hex	3F2244
RGB	63, 34, 68
RGB Percent	25%, 13%, 27%
CMY	0.7529, 0.8667, 0.7333
CMYK	0.07, 0.50, 0.00, 0.73
HSL	291°, 33%, 20%
HSV	291°, 50%, 27%
XYZ	3.6653, 2.6182, 5.7810
YIQ	46.5470, 6.3700, 16.7220

Conversions

Conversions Part 2

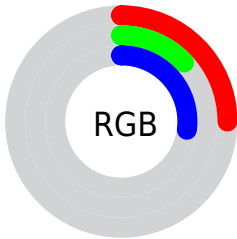
Format	Color
RYB	63, 34, 68
Decimal	4137540
CIELab	18.44, 20.46, -15.78
CIElCh	18, 25.837, 322.349
Yxy	2.6182, 0.3038, 0.2170
Android (android.graphics.Color)	4282327620 (0xFF3F2244)
YUV	46.5470, 10.5763, 14.4293
Hunter-Lab	16.1808, 12.1180, -9.8564




Details

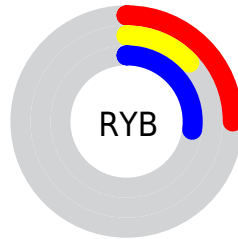
The Hex color **3F2244** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **274422**, and the grayscale version is **2E2E2E**.




A 20% lighter version of the original color is **704F74**, and **130019** is the 20% darker color. If you saturate the color by 10%, you get **3E1B44**, and if you desaturate by 10%, it is **402944**.

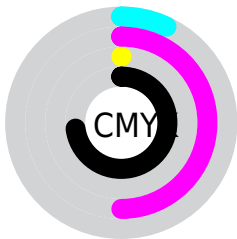
Distribution







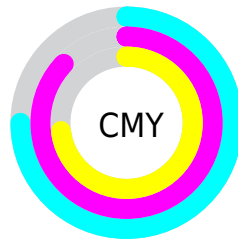
-  Red (25%)
-  Green (13%)
-  Blue (27%)






-  Red (25%)
-  Yellow (13%)
-  Blue (27%)



-  Cyan (7%)
-  Magenta (50%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (75%)
-  Magenta (87%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F2244 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 3F2244 by changing the saturation by 10% instead.



3F2244



3F2244

FFFFFF



280D2E



704F74



130019



89688E



000000



A481A8



BF9BC4



DBB6E0



F8D2FC



FFEEFF



3F2244



3F2244

■ 3E1B44

■ 402944

■ 3D1444

■ 413044

■ 3C0E44

■ 423644

■ 3B0744

■ 433D44

■ 3A0044

■ 444444

■ 454B44

■ 465244

■ 475844

■ 485F44

Harmonies

Analogous

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



252A50



3F2244



4C1C33

Triad

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



3F2244



3B2A02



00363B

Complementary

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



3F2244



274422

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.



003627



3F2244



2A3005

Square

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



3F2244



48230F



113415



00344A

Rectangle

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



3F2244



4F1C26



113415



003634

Sweetspot

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



3F2244



574C59



222744



2D262E



ADADAD



2E2E2E

Same Dimension

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



3F2244



512459



442238



211E21



530061



BF00E0

Inverse Universe

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



442227



59242C



22442E



211E1E



61000E



E00021

Previews

White Background



This preview shows how the Hex color 3F2244 looks on a white background.

Color Contrast Check

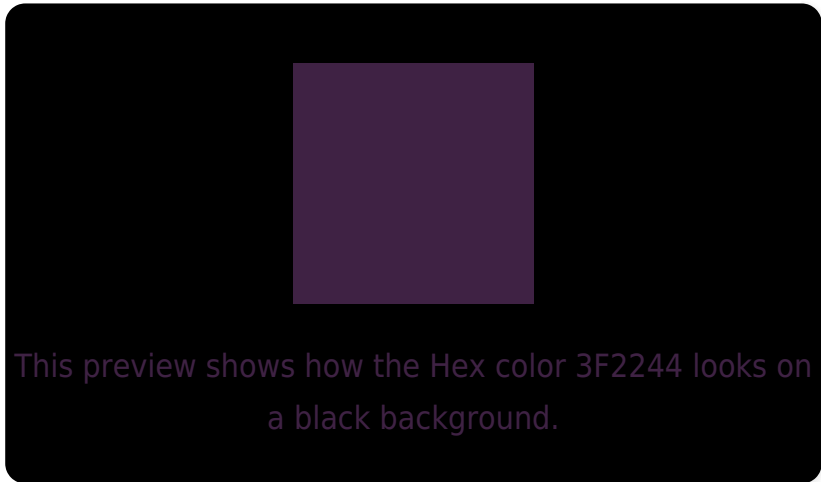
Large Text (above 18pt) WCAG AA ✓ Pass

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

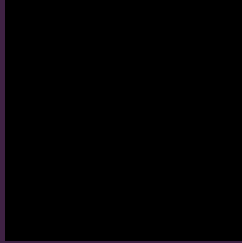
Any Text WCAG AA × Fail

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 3F2244 Background



This preview shows how black text looks on a background with the Hex color 3F2244.



This preview shows how white text looks on a background with the Hex color 3F2244.

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](#).

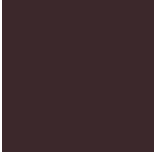
Dichromacy



Original Color
3F2244

Protanopia
202C4D

Deuteranopia
252D42



Tritanopia
3C282B

Trichromacy



Original Color
3F2244

Protanomaly
2B284A

Deuteranomaly
2E2943

Tritanomaly
3D2634

Monochromacy



Original Color
3F2244

Achromatopsia
2F2F2F

Achromatomaly
352A37

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F2244 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 #3F2244 looks like.

```
.text, #text, p{  
    color:#3F2244  
}
```

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 #3F2244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F2244
}
```

Border

The CSS property to change the border of an element to Hex 3F2244 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
#3F2244 }
```

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

```
.border{ border-color:#3F2244 }
```

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

Here you see how a box with a 4 pixel #3F2244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F2244; -webkit-box-shadow:4px 4px  
4px 4px #3F2244; box-shadow:4px 4px 4px  
4px #3F2244 }
```

Background

The CSS property to change the background color of an element to Hex 3F2244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F2244 }
```

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

```
.background{ background-color:#3F2244 }
```

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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