

Converting Colors

Hex(3F2353)

Have a look what the booklet for
Hex(3F2353) contains.

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Color

Hex(3F2353)

Conversions

Conversions Part 1

Format	Color
Hex	3F2353
RGB	63, 35, 83
RGB Percent	25%, 14%, 33%
CMY	0.7529, 0.8627, 0.6745
CMYK	0.24, 0.58, 0.00, 0.67
HSL	275°, 41%, 23%
HSV	275°, 58%, 33%
XYZ	4.2123, 2.8834, 8.5181
YIQ	48.8440, 1.2800, 20.8640

Conversions

Conversions Part 2

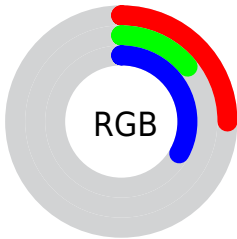
Format	Color
R_{YB}	63, 35, 83
Decimal	4137811
CIE Lab	19.57, 23.62, -24.21
CIE LCh	20, 33.823, 314.294
Yxy	2.8834, 0.2698, 0.1847
Android (android.graphics.Color)	4282327891 (0xFF3F2353)
YUV	48.8440, 16.8389, 12.4148
Hunter-Lab	16.9805, 14.5639, -17.8562

Details

The Hex color **3F2353** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **375323**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **705185**, and **160026** is the 20% darker color. If you saturate the color by 10%, you get **3C1B53**, and if you desaturate by 10%, it is **422B53**.

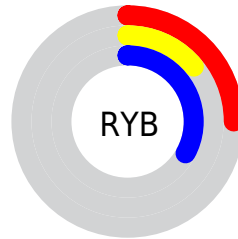
Distribution



Red (25%)

Green (14%)

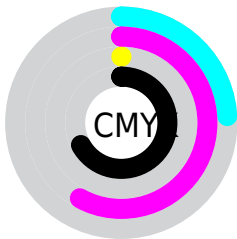
Blue (33%)



Red (25%)

Yellow (14%)

Blue (33%)

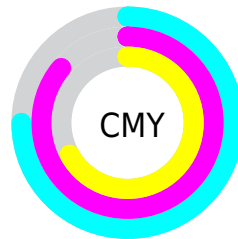


Cyan (24%)

Magenta (58%)

Yellow (0%)

Black (67%)



Cyan (75%)

Magenta (86%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F2353 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 3F2353 by changing the saturation by 10% instead.



3F2353



3F2353

FFFFFF



280E3C



705185



160026



8A699F



00010F



A583BA



000000



C09DD6



DCB8F2



F9D4FF



FFF0FF



3F2353



3F2353

■ 3C1B53

■ 422B53

■ 381253

■ 463453

■ 350A53

■ 493C53

■ 310253

■ 4D4453

■ 300053

■ 504D53

■ 545553

■ 575D53

■ 5B6553

■ 5E6E53

Harmonies

Analogous

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



0B2E60



3F2353



55173D

Triad

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



3F2353



462900



003B3B

Complementary

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



3F2353



375323

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.



003A21



3F2353



313200

Square

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



3F2353



551E0D



123707



003A51

Rectangle

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



3F2353



5A142D



123707



003A32

Sweetspot

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



3F2353



64596B



233753



312B36



B5B5B5



363636

Same Dimension

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



3F2353



4C216B



53234F



272529



3D0069



8700E8

Inverse Universe

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



532337



6B2140



235327



292526



69002C



E80061

Previews

White Background



This preview shows how the Hex color 3F2353 looks on a white background.

Color Contrast Check

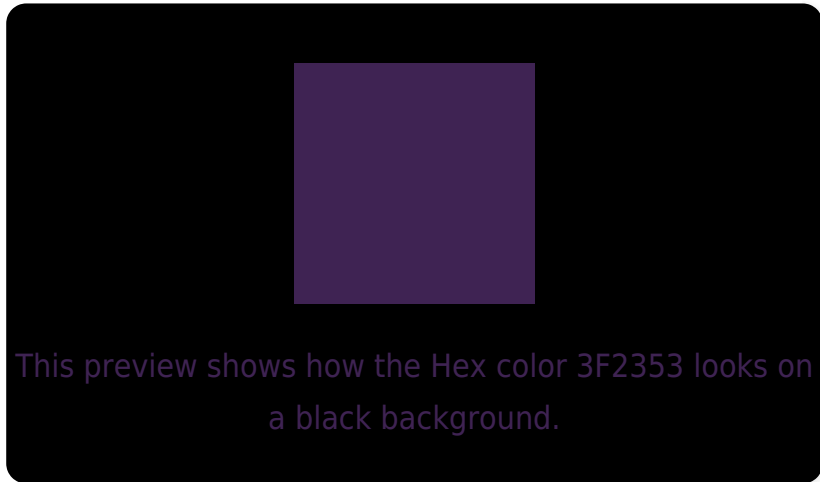
Large Text (above 18pt) WCAG AA ✓ Pass

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

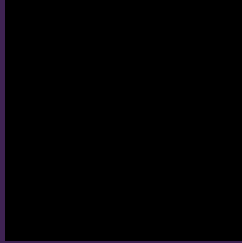
Any Text WCAG AA × Fail

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 3F2353 Background



This preview shows how black text looks on a background with the Hex color 3F2353.



This preview shows how white text looks on a background with the Hex color 3F2353.

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
3F2353

Protanopia
122E5E

Deuteranopia
1A3050



Tritanopia
392C30

Trichromacy



Original Color
3F2353

Protanomaly
222A5A

Deuteranomaly
272B51

Tritanomaly
3B293D

Monochromacy



Original Color
3F2353

Achromatopsia
313131

Achromatomaly
362C3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F2353 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 #3F2353 looks like.

```
.text, #text, p{  
    color:#3F2353  
}
```

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 #3F2353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F2353
}
```

Border

The CSS property to change the border of an element to Hex 3F2353 is called "border". The border property can be set on classes, ids or directly on the HTML element.

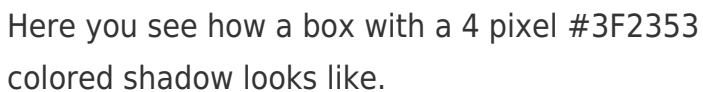
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F2353 }
```

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

```
.border{ border-color:#3F2353 }
```

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



Here you see how a box with a 4 pixel #3F2353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F2353; -webkit-box-shadow:4px 4px  
4px 4px #3F2353; box-shadow:4px 4px 4px  
4px #3F2353 }
```

Background

The CSS property to change the background color of an element to Hex 3F2353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F2353 }
```

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

```
.background{ background-color:#3F2353 }
```

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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