

Converting Colors

Hex(3F055F)

Have a look what the booklet for
Hex(3F055F) contains.

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Color

Hex(3F055F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 3F055F |
| RGB | 63, 5, 95 |
| RGB Percent | 25%, 2%, 37% |
| CMY | 0.7529, 0.9804, 0.6275 |
| CMYK | 0.34, 0.95, 0.00, 0.63 |
| HSL | 279°, 90%, 20% |
| HSV | 279°, 95%, 37% |
| XYZ | 4.1697, 1.9915, 10.9911 |
| YIQ | 32.6020, 5.6780, 40.2860 |

Conversions

Conversions Part 2

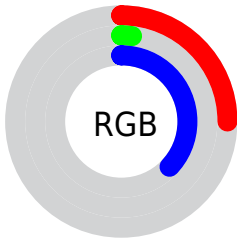
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 63, 5, 95 |
| Decimal | 4130143 |
| CIE _{Lab} | 15.44, 40.81, -38.91 |
| CIE _{LCh} | 15, 56.391, 316.368 |
| Yxy | 1.9915, 0.2431, 0.1161 |
| Android (android.graphics.Color) | 4282320223 (0xFF3F055F) |
| YUV | 32.6020, 30.7622, 26.6590 |
| Hunter-Lab | 14.1121, 28.0453, -36.2989 |

Details

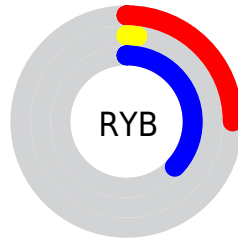
The Hex color **3F055F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **255F05**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **733A92**, and **0A0030** is the 20% darker color. If you saturate the color by 10%, you get **3D005F**, and if you desaturate by 10%, it is **420E5F**.

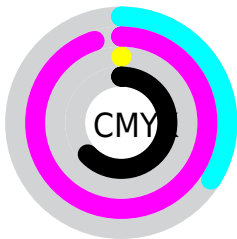
Distribution



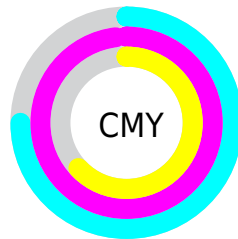
- Red (25%)
- Green (2%)
- Blue (37%)



- Red (25%)
- Yellow (2%)
- Blue (37%)



- Cyan (34%)
- Magenta (95%)
- Yellow (0%)
- Black (63%)



- Cyan (75%)
- Magenta (98%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F055F 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 3F055F by changing the saturation by 10% instead.

 3F055F

 3F055F

 FFF5FF

 260047

 733A92

 0A0030

 8E53AD

 00011A

 A96CC9

 000000

 C586E5

 E2A1FF

 FFBCFF

 FFD8FF

 3F055F

 3F055F

■ 3D005F

■ 420E5F

■ 46185F

■ 49225F

■ 4D2B5F

■ 50355F

■ 533E5F

■ 57475F

■ 5A515F

■ 5D5B5F

Harmonies

Analogous

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



002676



3F055F



61003B

Triad

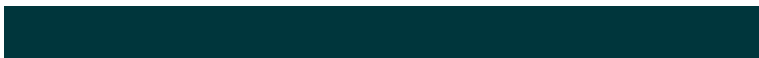
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3F055F



401E00



00363C

Complementary

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



3F055F



255F05

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.



003412



3F055F



1C2C00

Square

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



3F055F



590000



003100



003561

Rectangle

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



3F055F



670020



003100



00352F

Sweetspot

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



3F055F



6E587A



05265F



36283D



BDBDBD



3D3D3D

Same Dimension

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



3F055F



4F007A



5F0553



2F2C30



480070



9A00F0

Inverse Universe

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



5F0525



7A002C



055F11



302C2D



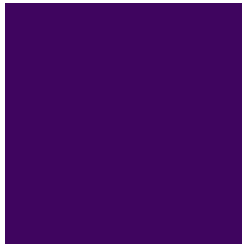
700028



F00055

Previews

White Background



This preview shows how the Hex color 3F055F 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

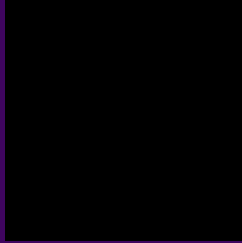
Any Text WCAG AA × Fail

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 3F055F Background



This preview shows how black text looks on a background with the Hex color 3F055F.



This preview shows how white text looks on a background with the Hex color 3F055F.

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
3F055F

Protanopia
002855

Deuteranopia
002B49



Tritanopia
352528

Trichromacy



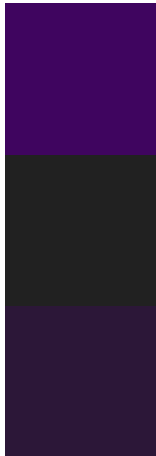
Original Color
3F055F

Protanomaly
171B59

Deuteranomaly
171D51

Tritanomaly
39193C

Monochromacy



Original Color
3F055F

Achromatopsia
212121

Achromatomaly
2C1738

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F055F 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 #3F055F looks like.

```
.text, #text, p{  
    color:#3F055F  
}
```

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 #3F055F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F055F
}
```

Border

The CSS property to change the border of an element to Hex 3F055F is called "border". The border property can be set on classes, ids or directly on the HTML element.

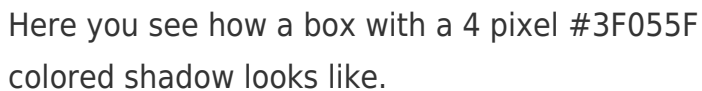
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F055F }
```

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

```
.border{ border-color:#3F055F }
```

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



Here you see how a box with a 4 pixel #3F055F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F055F; -webkit-box-shadow:4px 4px  
4px 4px #3F055F; box-shadow:4px 4px 4px  
4px #3F055F }
```

Background

The CSS property to change the background color of an element to Hex 3F055F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F055F }
```

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

```
.background{ background-color:#3F055F }
```

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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