

Converting Colors

Hex(3F1A70)

Have a look what the booklet for
Hex(3F1A70) contains.

Hex(3F1A70)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3F1A70)

Conversions

Conversions Part 1

Format	Color
Hex	3F1A70
RGB	63, 26, 112
RGB Percent	25%, 10%, 44%
CMY	0.7529, 0.8980, 0.5608
CMYK	0.44, 0.77, 0.00, 0.56
HSL	266°, 62%, 27%
HSV	266°, 77%, 44%
XYZ	5.3439, 2.9654, 15.6200
YIQ	46.8670, -5.5540, 34.5900

Conversions

Conversions Part 2

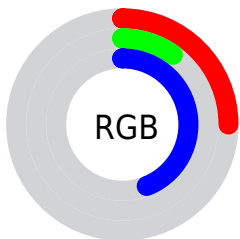
Format	Color
RYB	63, 26, 112
Decimal	4135536
CIELab	19.90, 36.79, -42.79
CIELCh	20, 56.431, 310.683
Yxy	2.9654, 0.2233, 0.1239
Android (android.graphics.Color)	4282325616 (0xFF3F1A70)
YUV	46.8670, 32.1106, 14.1486
Hunter-Lab	17.2203, 25.2576, -41.7256

Details

The Hex color **3F1A70** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4B701A**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **7349A5**, and **10003F** is the 20% darker color. If you saturate the color by 10%, you get **390F70**, and if you desaturate by 10%, it is **452570**.

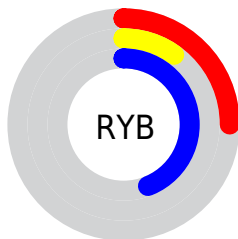
Distribution



Red (25%)

Green (10%)

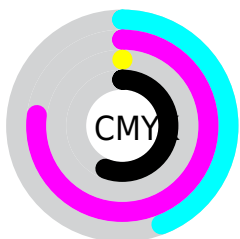
Blue (44%)



Red (25%)

Yellow (10%)

Blue (44%)

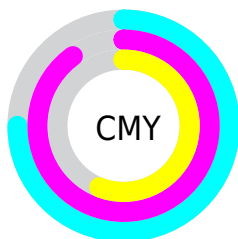


Cyan (44%)

Magenta (77%)

Yellow (0%)

Black (56%)



Cyan (75%)

Magenta (90%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F1A70 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 3F1A70 by changing the saturation by 10% instead.



3F1A70



3F1A70

FFFFFF



250257



7349A5



10003F



8E62C0



000328



AA7CDC



000112



C696F9



000000



E3B1FF



FFCDFF



FFE9FF



3F1A70



3F1A70

■ 390F70

■ 452570

■ 320470

■ 4C3070

■ 300070

■ 523C70

■ 594770

■ 5F5270

■ 655D70

■ 6C6870

■ 727470

■ 787F70

Harmonies

Analogous

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



003283



3F1A70



69004C

Triad

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



3F1A70



512300



00403E

Complementary

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



3F1A70



4B701A

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.



003E12



3F1A70



2F3300

Square

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



3F1A70



6A0000



003B00



004066

Rectangle

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



3F1A70



730031



003B00



003F30

Sweetspot

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



3F1A70



7E7091



1A4C70



3E354A



C9C9C9



4A4A4A

Same Dimension

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



3F1A70



450C91



691A70



353238



340078



6A00F7

Inverse Universe

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



701A4B



910C58



21701A



383236



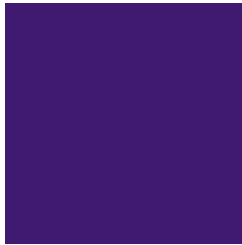
780044



F7008D

Previews

White Background



This preview shows how the Hex color 3F1A70 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

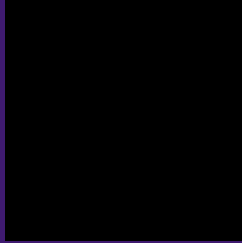
Any Text WCAG AA × Fail

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 3F1A70 Background



This preview shows how black text looks on a background with the Hex color 3F1A70.



This preview shows how white text looks on a background with the Hex color 3F1A70.

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
3F1A70

Protanopia
002F64

Deuteranopia
003256



Tritanopia
313135

Trichromacy



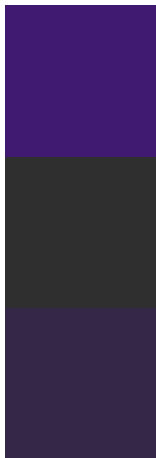
Original Color
3F1A70

Protanomaly
172768

Deuteranomaly
17295F

Tritanomaly
36294A

Monochromacy



Original Color
3F1A70

Achromatopsia
2F2F2F

Achromatomaly
352747

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F1A70 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 #3F1A70 looks like.

```
.text, #text, p{  
    color:#3F1A70  
}
```

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 #3F1A70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1A70  
}
```

Border

The CSS property to change the border of an element to Hex 3F1A70 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  
#3F1A70 }
```

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

```
.border{ border-color:#3F1A70 }
```

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

Here you see how a box with a 4 pixel #3F1A70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1A70; -webkit-box-shadow:4px 4px  
4px 4px #3F1A70; box-shadow:4px 4px 4px  
4px #3F1A70 }
```

Background

The CSS property to change the background color of an element to Hex 3F1A70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1A70 }
```

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

```
.background{ background-color:#3F1A70 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor