

Converting Colors

Hex(3F4102)

Have a look what the booklet for
Hex(3F4102) contains.

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Color

Hex(3F4102)

Conversions

Conversions Part 1

Format	Color
Hex	3F4102
RGB	63, 65, 2
RGB Percent	25%, 25%, 1%
CMY	0.7529, 0.7451, 0.9922
CMYK	0.03, 0.00, 0.97, 0.75
HSL	62°, 94%, 13%
HSV	62°, 97%, 25%
XYZ	3.9512, 4.8417, 0.7837
YIQ	57.2200, 19.0310, -20.0170

Conversions

Conversions Part 2

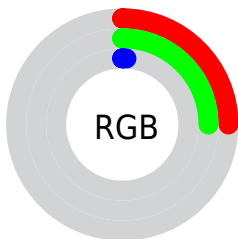
Format	Color
RYB	2, 65, 4
Decimal	4145410
CIELab	26.28, -9.03, 34.10
CIELCh	26, 35.274, 104.833
Yxy	4.8417, 0.4126, 0.5056
Android (android.graphics.Color)	4282335490 (0xFF3F4102)
YUV	57.2200, -27.2235, 5.0691
Hunter-Lab	22.0039, -6.4544, 13.2910

Details

The Hex color **3F4102** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **040241**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **717132**, and **0C1700** is the 20% darker color. If you saturate the color by 10%, you get **3F4100**, and if you desaturate by 10%, it is **3F4108**.

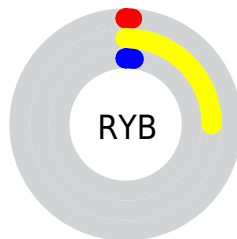
Distribution



Red (25%)

Green (25%)

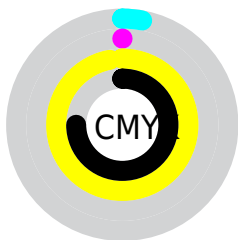
Blue (1%)



Red (1%)

Yellow (25%)

Blue (2%)

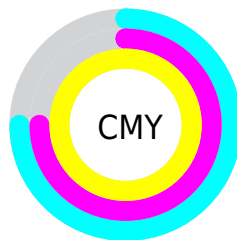


Cyan (3%)

Magenta (0%)

Yellow (97%)

Black (75%)



Cyan (75%)

Magenta (75%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F4102 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 3F4102 by changing the saturation by 10% instead.



3F4102



3F4102



FFFFEA



282B00



717132



0C1700



8B8A4A



000000



A6A463



C2BF7C



DFDB97



FCF8B2



FFFFCE



3F4102



3F4102

■ 3F4100

■ 3F4108

■ 3F410F

■ 404116

■ 40411C

■ 404123

■ 404129

■ 404130

■ 414136

■ 41413D

Harmonies

Analogous

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



573805



3F4102



204715

Triad

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



3F4102



004964



68264D

Complementary

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



3F4102



040241

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.



503165



3F4102



004572

Square

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



3F4102



004B4B



213D72



6E2432

Rectangle

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



3F4102



004926



213D72



622956

Sweetspot

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



3F4102



53543C



410302



2B2B1C



ABABAB



2B2B2B

Same Dimension

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



3F4102



515400



204102



21211E



5E6100



D9E000

Inverse Universe

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



040241



030054



230241



1E1E21



030061



0700E0

Previews

White Background



This preview shows how the Hex color 3F4102 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

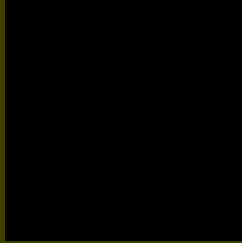
Any Text WCAG AA × Fail

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 3F4102 Background



This preview shows how black text looks on a background with the Hex color 3F4102.



This preview shows how white text looks on a background with the Hex color 3F4102.

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
3F4102

Protanopia
463F00

Deuteranopia
4F3B0A



Tritanopia
433C41

Trichromacy



Original Color
3F4102

Protanomaly
434001

Deuteranomaly
493D07

Tritanomaly
423E2A

Monochromacy



Original Color
3F4102

Achromatopsia
393939

Achromatomaly
3B3C25

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F4102 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 #3F4102 looks like.

```
.text, #text, p{  
    color:#3F4102  
}
```

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 #3F4102 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4102
}
```

Border

The CSS property to change the border of an element to Hex 3F4102 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
#3F4102 }
```

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

```
.border{ border-color:#3F4102 }
```

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

Here you see how a box with a 4 pixel #3F4102 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4102; -webkit-box-shadow:4px 4px  
4px 4px #3F4102; box-shadow:4px 4px 4px  
4px #3F4102 }
```

Background

The CSS property to change the background color of an element to Hex 3F4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4102 }
```

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

```
.background{ background-color:#3F4102 }
```

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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