

Converting Colors

Hex(3F1238)

Have a look what the booklet for
Hex(3F1238) contains.

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Color

Hex(3F1238)

Conversions

Conversions Part 1

Format	Color
Hex	3F1238
RGB	63, 18, 56
RGB Percent	25%, 7%, 22%
CMY	0.7529, 0.9294, 0.7804
CMYK	0.00, 0.71, 0.11, 0.75
HSL	309°, 56%, 16%
HSV	309°, 71%, 25%
XYZ	2.9800, 1.7749, 3.9269
YIQ	35.7870, 14.6220, 21.3580

Conversions

Conversions Part 2

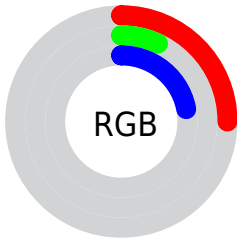
Format	Color
R_{YB}	63, 18, 56
Decimal	4133432
CIE _{Lab}	14.26, 27.24, -13.91
CIE _{LCh}	14, 30.584, 332.950
Yxy	1.7749, 0.3432, 0.2044
Android (android.graphics.Color)	4282323512 (0xFF3F1238)
YUV	35.7870, 9.9650, 23.8658
Hunter-Lab	13.3225, 16.6129, -8.1504

Details

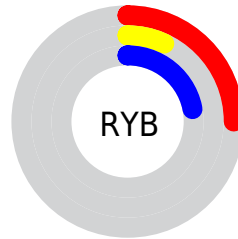
The Hex color **3F1238** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **123F19**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **704067**, and **02000A** is the 20% darker color. If you saturate the color by 10%, you get **3F0C37**, and if you desaturate by 10%, it is **3F1839**.

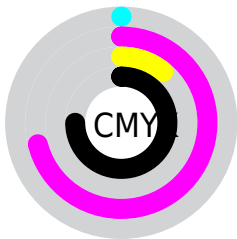
Distribution



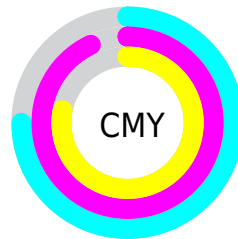
- Red (25%)
- Green (7%)
- Blue (22%)



- Red (25%)
- Yellow (7%)
- Blue (22%)



- Cyan (0%)
- Magenta (71%)
- Yellow (11%)
- Black (75%)



- Cyan (75%)
- Magenta (93%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F1238 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 3F1238 by changing the saturation by 10% instead.

 3F1238

 3F1238

 FFFAFF

 290023

 704067

 02000A

 8A5880

 000000

 A5719A

 C18BB5

 DDA6D1

 FAC1ED

 FFDDFF

 3F1238

 3F1238

■ 3F0C37

■ 3F1839

■ 3F0536

■ 3F1F3A

■ 3F0035

■ 3F253B

■ 3F2B3C

■ 3F323D

■ 3F383E

■ 3F3E3F

■ 3F4440

■ 3F4B41

Harmonies

Analogous

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



261D48



3F1238



490B23

Triad

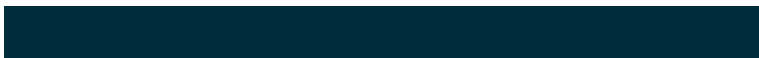
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3F1238



2C2400



002D3B

Complementary

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



3F1238



123F19

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.



002E26



3F1238



182900

Square

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



3F1238



3D1B00



002C0F



002B4A

Rectangle

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



3F1238



490E15



002C0F



002E34

Sweetspot

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



3F1238



52404F



19123F



291F27



A8A8A8



292929

Same Dimension

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



3F1238



520B47



3F1222



1F1C1E



5E0050



DE00BB

Inverse Universe

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



3F1238



520B47



123F2F



1F1C1E



5E0050



DE00BB

Previews

White Background



This preview shows how the Hex color 3F1238 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 3F1238 Background



This preview shows how black text looks on a background with the Hex color 3F1238.



This preview shows how white text looks on a background with the Hex color 3F1238.

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
3F1238

Protanopia
122548

Deuteranopia
202535

Trichromacy



Original Color
3F1238

Protanomaly
221E42

Deuteranomaly
2B1E36

Tritanomaly
3D1827

Monochromacy



Original Color
3F1238

Achromatopsia
242424

Achromatomaly
2E1D2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F1238 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 #3F1238 looks like.

```
.text, #text, p{  
    color:#3F1238  
}
```

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 #3F1238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1238
}
```

Border

The CSS property to change the border of an element to Hex 3F1238 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
#3F1238 }
```

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

```
.border{ border-color:#3F1238 }
```

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

Here you see how a box with a 4 pixel #3F1238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1238; -webkit-box-shadow:4px 4px  
4px 4px #3F1238; box-shadow:4px 4px 4px  
4px #3F1238 }
```

Background

The CSS property to change the background color of an element to Hex 3F1238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1238 }
```

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

```
.background{ background-color:#3F1238 }
```

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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