

Converting Colors

Hex(3F1112)

Have a look what the booklet for
Hex(3F1112) contains.

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Color

Hex(3F1112)

Conversions

Conversions Part 1

Format	Color
Hex	3F1112
RGB	63, 17, 18
RGB Percent	25%, 7%, 7%
CMY	0.7529, 0.9333, 0.9294
CMYK	0.00, 0.73, 0.71, 0.75
HSL	359°, 58%, 16%
HSV	359°, 73%, 25%
XYZ	2.3595, 1.5013, 0.7377
YIQ	30.8680, 27.0950, 10.0630

Conversions

Conversions Part 2

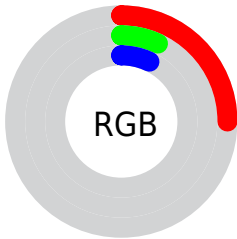
Format	Color
RYB	63, 17, 18
Decimal	4133138
CIELab	12.62, 22.51, 11.20
CIELCh	13, 25.144, 26.454
Yxy	1.5013, 0.5131, 0.3265
Android (android.graphics.Color)	4282323218 (0xFF3F1112)
YUV	30.8680, -6.3439, 28.1798
Hunter-Lab	12.2529, 12.9311, 5.0074

Details

The Hex color **3F1112** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **113F3E**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **723E3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3F0B0C**, and if you desaturate by 10%, it is **3F1718**.

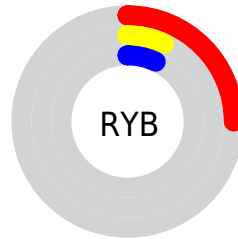
Distribution



Red (25%)

Green (7%)

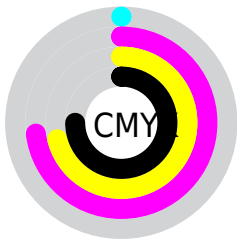
Blue (7%)



Red (25%)

Yellow (7%)

Blue (7%)

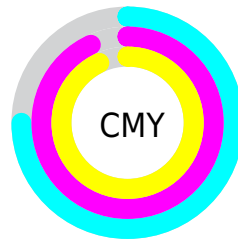


Cyan (0%)

Magenta (73%)

Yellow (71%)

Black (75%)



Cyan (75%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F1112 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 3F1112 by changing the saturation by 10% instead.

 3F1112

 3F1112

 FFF7F2

 290000

 723E3C

 000000

 8D5653

 A86F6B

 C48885

 E1A39F

 FEBEBA

 FFDAD5

 3F1112

 3F1112

■ 3F0B0C

■ 3F1718

■ 3F0406

■ 3F1E1E

■ 3F0001

■ 3F2424

■ 3F2A2B

■ 3F3131

■ 3F3737

■ 3F3D3D

■ 3F4343

■ 3F4A49

Harmonies

Analogous

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



3E0F24



3F1112



391800

Triad

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



3F1112



02270B



002344

Complementary

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



3F1112



113F3E

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.



00273E



3F1112



00291E

Square

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



3F1112



1C2400



002930



1C1D40

Rectangle

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



3F1112



301D00



002930



002543

Sweetspot

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



3F1112



524040



3D113F



291E1E



A8A8A8



292929

Same Dimension

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



3F1112



520A0B



3F2611



1F1C1C



5E0002



DE0005

Inverse Universe

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



3F1112



520A0B



112A3F



1F1C1C



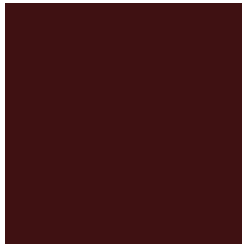
5E0002



DE0005

Previews

White Background



This preview shows how the Hex color 3F1112 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 3F1112 Background



This preview shows how black text looks on a background with the Hex color 3F1112.



This preview shows how white text looks on a background with the Hex color 3F1112.

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
3F1112

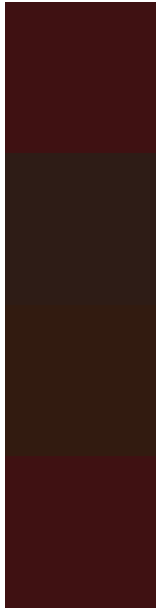
Protanopia
252218

Deuteranopia
2B210F



Tritanopia
3F1112

Trichromacy



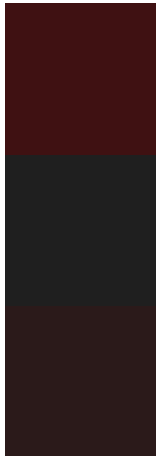
Original Color
3F1112

Protanomaly
2E1C16

Deuteranomaly
321B10

Tritanomaly
3F1112

Monochromacy



Original Color
3F1112

Achromatopsia
1F1F1F

Achromatomaly
2B1A1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F1112 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 #3F1112 looks like.

```
.text, #text, p{  
    color:#3F1112  
}
```

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 #3F1112 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1112
}
```

Border

The CSS property to change the border of an element to Hex 3F1112 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".

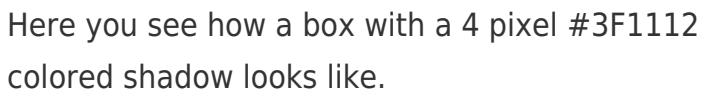
```
.border, #border, table{ border:4px solid
#3F1112 }
```

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

```
.border{ border-color:#3F1112 }
```

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

Here you see how a box with a 4 pixel #3F1112 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #3F1112 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1112; -webkit-box-shadow:4px 4px  
4px 4px #3F1112; box-shadow:4px 4px 4px  
4px #3F1112 }
```

Background

The CSS property to change the background color of an element to Hex 3F1112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1112 }
```

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

```
.background{ background-color:#3F1112 }
```

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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