

Converting Colors

Hex(3F1646)

Have a look what the booklet for
Hex(3F1646) contains.

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Color

Hex(3F1646)

Conversions

Conversions Part 1

Format	Color
Hex	3F1646
RGB	63, 22, 70
RGB Percent	25%, 9%, 27%
CMY	0.7529, 0.9137, 0.7255
CMYK	0.10, 0.69, 0.00, 0.73
HSL	291°, 52%, 18%
HSV	291°, 69%, 27%
XYZ	3.4423, 2.0728, 6.0130
YIQ	39.7310, 9.0280, 23.6200

Conversions

Conversions Part 2

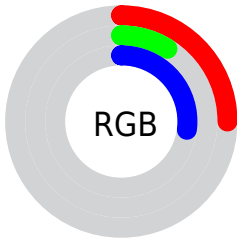
Format	Color
RYB	63, 22, 70
Decimal	4134470
CIELab	15.86, 28.08, -21.22
CIELCh	16, 35.198, 322.917
Yxy	2.0728, 0.2986, 0.1798
Android (android.graphics.Color)	4282324550 (0xFF3F1646)
YUV	39.7310, 14.9226, 20.4069
Hunter-Lab	14.3971, 17.4836, -14.6846

Details

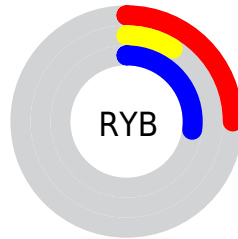
The Hex color **3F1646** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1D4616**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **704477**, and **0B001A** is the 20% darker color. If you saturate the color by 10%, you get **3E0F46**, and if you desaturate by 10%, it is **401D46**.

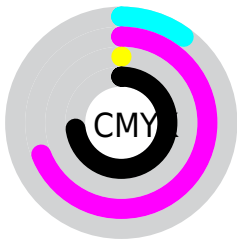
Distribution



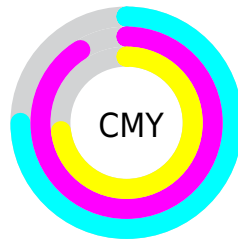
- Red (25%)
- Green (9%)
- Blue (27%)



- Red (25%)
- Yellow (9%)
- Blue (27%)



- Cyan (10%)
- Magenta (69%)
- Yellow (0%)
- Black (73%)



- Cyan (75%)
- Magenta (91%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F1646 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 3F1646 by changing the saturation by 10% instead.



3F1646



3F1646

FFFFFF



28002F



704477



0B001A



8A5C90



000000



A575AB



C18FC6



DDAAE3



FAC6FF



FFE2FF



3F1646



3F1646

■ 3E0F46

■ 401D46

■ 3D0846

■ 412446

■ 3C0146

■ 422B46

■ 3C0046

■ 433246

■ 443946

■ 454046

■ 464746

■ 474E46

■ 485546

Harmonies

Analogous

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



162456



3F1646



50082F

Triad

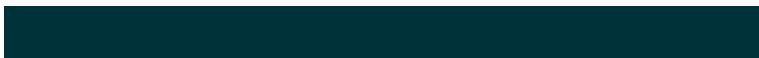
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3F1646



372400



00323A

Complementary

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



3F1646



1D4616

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.



003221



3F1646



202C00

Square

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



3F1646



491900



003003



00314F

Rectangle

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



3F1646



53071E



003003



003232

Sweetspot

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



3F1646



59495C



161D46



2C222E



ADADAD



2E2E2E

Same Dimension

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



3F1646



51115C



461635



232024



550063



C200E3

Inverse Universe

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



46161D



5C111C



164627



242021



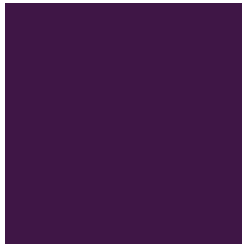
63000F



E30021

Previews

White Background



This preview shows how the Hex color 3F1646 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

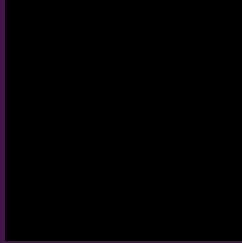
Any Text WCAG AA × Fail

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 3F1646 Background



This preview shows how black text looks on a background with the Hex color 3F1646.



This preview shows how white text looks on a background with the Hex color 3F1646.

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](#).

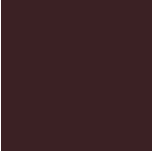
Dichromacy



Original Color
3F1646

Protanopia
002753

Deuteranopia
182943



Tritanopia
3B2124

Trichromacy



Original Color
3F1646

Protanomaly
17214E

Deuteranomaly
262244

Tritanomaly
3C1D30

Monochromacy



Original Color
3F1646

Achromatopsia
282828

Achromatomaly
302133

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F1646 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 #3F1646 looks like.

```
.text, #text, p{  
    color:#3F1646  
}
```

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 #3F1646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1646
}
```

Border

The CSS property to change the border of an element to Hex 3F1646 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
#3F1646 }
```

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

```
.border{ border-color:#3F1646 }
```

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

Here you see how a box with a 4 pixel #3F1646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1646; -webkit-box-shadow:4px 4px  
4px 4px #3F1646; box-shadow:4px 4px 4px  
4px #3F1646 }
```

Background

The CSS property to change the background color of an element to Hex 3F1646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1646 }
```

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

```
.background{ background-color:#3F1646 }
```

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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