

Converting Colors

Hex(3F1D45)

Have a look what the booklet for
Hex(3F1D45) contains.

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Color

Hex(3F1D45)

Conversions

Conversions Part 1

Format	Color
Hex	3F1D45
RGB	63, 29, 69
RGB Percent	25%, 11%, 27%
CMY	0.7529, 0.8863, 0.7294
CMYK	0.09, 0.58, 0.00, 0.73
HSL	291°, 41%, 19%
HSV	291°, 58%, 27%
XYZ	3.5634, 2.3652, 5.8989
YIQ	43.7260, 7.4240, 19.6480

Conversions

Conversions Part 2

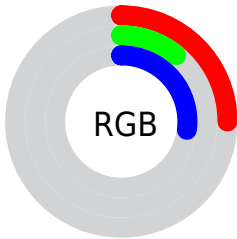
Format	Color
RYB	63, 29, 69
Decimal	4136261
CIELab	17.30, 23.82, -18.27
CIELCh	17, 30.020, 322.516
Yxy	2.3652, 0.3013, 0.2000
Android (android.graphics.Color)	4282326341 (0xFF3F1D45)
YUV	43.7260, 12.4601, 16.9033
Hunter-Lab	15.3791, 14.4463, -11.9764

Details

The Hex color **3F1D45** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **23451D**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **704A75**, and **0F001A** is the 20% darker color. If you saturate the color by 10%, you get **3E1645**, and if you desaturate by 10%, it is **402445**.

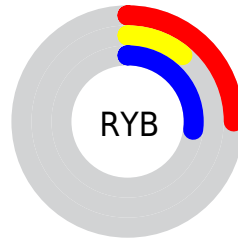
Distribution



Red (25%)

Green (11%)

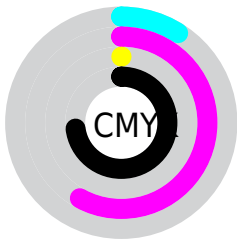
Blue (27%)



Red (25%)

Yellow (11%)

Blue (27%)

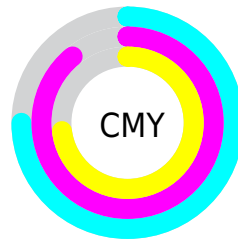


Cyan (9%)

Magenta (58%)

Yellow (0%)

Black (73%)



Cyan (75%)

Magenta (89%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F1D45 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 3F1D45 by changing the saturation by 10% instead.



3F1D45



3F1D45

FFFFFF



28072F



704A75



0F001A



8A638F



000000



A47CAA



C096C5



DCB1E1



F9CCFE



FFE9FF



3F1D45



3F1D45

■ 3E1645

■ 402445

■ 3D0F45

■ 412B45

■ 3C0845

■ 423245

■ 3B0145

■ 433945

■ 3B0045

■ 443F45

■ 454645

■ 464D45

■ 475445

■ 485B45

Harmonies

Analogous

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



1F2753



3F1D45



4E1531

Triad

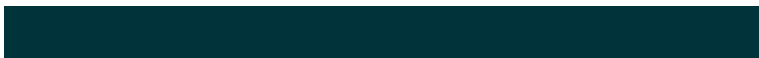
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3F1D45



3A2800



00343A

Complementary

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



3F1D45



23451D

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.



003424



3F1D45



262E00

Square

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



3F1D45



491E05



06320E



00334C

Rectangle

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



3F1D45



511422



06320E



003433

Sweetspot

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



3F1D45



574A59



1D2345



2D252E



ADADAD



2E2E2E

Same Dimension

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



3F1D45



501B59



451D37



232024



550063



C100E3

Inverse Universe

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



451D23



591B24



1D452B



242021



63000F



E30022

Previews

White Background



This preview shows how the Hex color 3F1D45 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

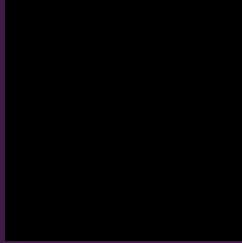
Any Text WCAG AA × Fail

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 3F1D45 Background



This preview shows how black text looks on a background with the Hex color 3F1D45.



This preview shows how white text looks on a background with the Hex color 3F1D45.

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](#).

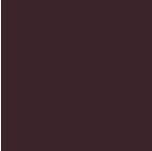
Dichromacy



Original Color
3F1D45

Protanopia
162A51

Deuteranopia
202B42



Tritanopia
3B2528

Trichromacy



Original Color
3F1D45

Protanomaly
25254D

Deuteranomaly
2B2643

Tritanomaly
3C2233

Monochromacy



Original Color
3F1D45

Achromatopsia
2C2C2C

Achromatomaly
332735

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F1D45 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 #3F1D45 looks like.

```
.text, #text, p{  
    color:#3F1D45  
}
```

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 #3F1D45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1D45
}
```

Border

The CSS property to change the border of an element to Hex 3F1D45 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
#3F1D45 }
```

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

```
.border{ border-color:#3F1D45 }
```

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

Here you see how a box with a 4 pixel #3F1D45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1D45; -webkit-box-shadow:4px 4px  
4px 4px #3F1D45; box-shadow:4px 4px 4px  
4px #3F1D45 }
```

Background

The CSS property to change the background color of an element to Hex 3F1D45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1D45 }
```

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

```
.background{ background-color:#3F1D45 }
```

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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