

# Converting Colors

Hex(3F1253)

Have a look what the booklet for  
Hex(3F1253) contains.

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# Color

**Hex(3F1253)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F1253
RGB	63, 18, 83
RGB Percent	25%, 7%, 33%
CMY	0.7529, 0.9294, 0.6745
CMYK	0.24, 0.78, 0.00, 0.67
HSL	282°, 64%, 20%
HSV	282°, 78%, 33%
XYZ	3.8275, 2.1139, 8.3899
YIQ	38.8650, 5.9550, 29.7550

# Conversions

## Conversions Part 2

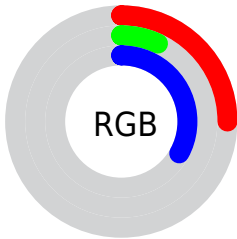
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	63, 18, 83
Decimal	4133459
CIE <sub>Lab</sub>	16.07, 33.13, -29.81
CIE <sub>LCh</sub>	16, 44.566, 318.024
Yxy	2.1139, 0.2671, 0.1475
Android (android.graphics.Color)	4282323539 (0xFF3F1253)
YUV	38.8650, 21.7586, 21.1664
Hunter-Lab	14.5393, 21.5473, -24.0358

# Details

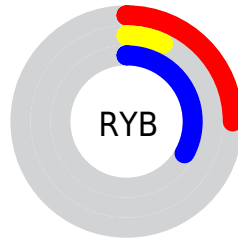
The Hex color **3F1253** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **265312**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **714185**, and **0D0025** is the 20% darker color. If you saturate the color by 10%, you get **3C0A53**, and if you desaturate by 10%, it is **421A53**.

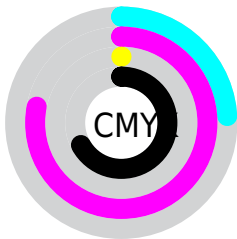
# Distribution



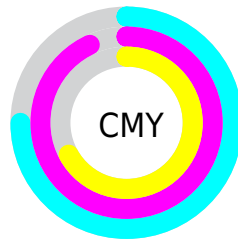
- Red (25%)
- Green (7%)
- Blue (33%)



- Red (25%)
- Yellow (7%)
- Blue (33%)



- Cyan (24%)
- Magenta (78%)
- Yellow (0%)
- Black (67%)



- Cyan (75%)
- Magenta (93%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F1253 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 3F1253 by changing the saturation by 10% instead.



 3F1253

 3F1253

 FFFCFF

 27003C

 714185

 0D0025

 8C5A9F

 00010E

 A773BB

 000000

 C28DD6

 DFA8F3

 FCC3FF

 FFDFFF

 3F1253

 3F1253

■ 3C0A53

■ 421A53

■ 3A0153

■ 442353

■ 390053

■ 472B53

■ 493353

■ 4C3B53

■ 4E4453

■ 514C53

■ 535453

■ 565D53

# Harmonies

## Analogous

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



002665



3F1253



580036

# Triad

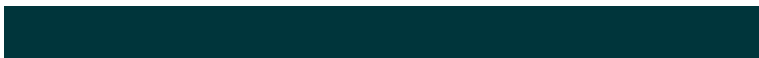
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3F1253



3D2200



00353B

# Complementary

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



3F1253



265312

# 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.



00341A



3F1253



212C00

# Square

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



3F1253



520F00



003100



003457

# Rectangle

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



3F1253



5D0021



003100



003530



# Sweetspot

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



3F1253



64526B



122753



312736



B5B5B5



363636



# Same Dimension

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



3F1253



4C066B



531247



282529



480069



A100E8



# Inverse Universe

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



531226



6B0625



12531E



292526



690020

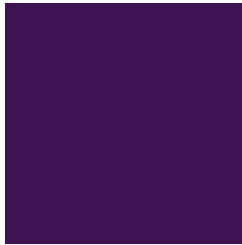


E80047



# Previews

## White Background



This preview shows how the Hex color 3F1253 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

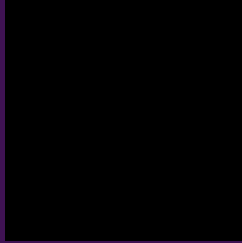
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3F1253 Background



This preview shows how black text looks on a background with the Hex color 3F1253.



This preview shows how white text looks on a background with the Hex color 3F1253.

# 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**  
3F1253

**Protanopia**  
002855

**Deuteranopia**  
002A4A



**Tritanopia**  
382426

# Trichromacy



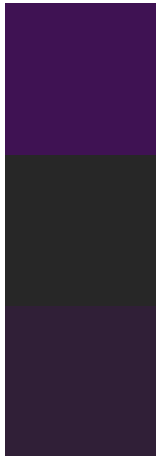
**Original Color**  
3F1253

**Protanomaly**  
172054

**Deuteranomaly**  
17214D

**Tritanomaly**  
3B1D36

# Monochromacy



**Original Color**  
3F1253

**Achromatopsia**  
272727

**Achromatomaly**  
301F37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F1253 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 #3F1253 looks like.

```
.text, #text, p{  
    color:#3F1253  
}
```

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 #3F1253 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1253
}
```

## Border

The CSS property to change the border of an element to Hex 3F1253 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".

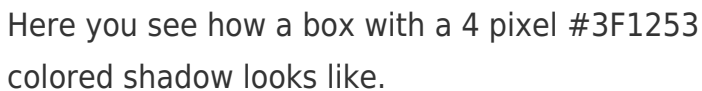
```
.border, #border, table{ border:4px solid
#3F1253 }
```

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

```
.border{ border-color:#3F1253 }
```

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

Here you see how a box with a 4 pixel #3F1253 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1253; -webkit-box-shadow:4px 4px  
4px 4px #3F1253; box-shadow:4px 4px 4px  
4px #3F1253 }
```

# Background

The CSS property to change the background color of an element to Hex 3F1253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1253 }
```

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

```
.background{ background-color:#3F1253 }
```

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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