

# Converting Colors

Hex(250F3D)

Have a look what the booklet for  
Hex(250F3D) contains.

<b>Hex(250F3D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(250F3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	250F3D
RGB	37, 15, 61
RGB Percent	15%, 6%, 24%
CMY	0.8549, 0.9412, 0.7608
CMYK	0.39, 0.75, 0.00, 0.76
HSL	269°, 61%, 15%
HSV	269°, 75%, 24%
XYZ	1.7761, 1.0719, 4.5282
YIQ	26.8220, -1.6540, 18.9700

# Conversions

## Conversions Part 2

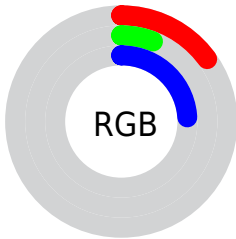
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 15, 61
Decimal	2428733
CIE Lab	9.58, 22.44, -25.19
CIE LCh	10, 33.738, 311.688
Yxy	1.0719, 0.2408, 0.1453
Android (android.graphics.Color)	4280618813 (0xFF250F3D)
YUV	26.8220, 16.8498, 8.9261
Hunter-Lab	10.3532, 12.5034, -18.6844

# Details

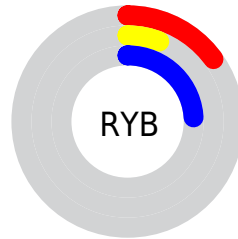
The Hex color **250F3D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **273D0F**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **543A6D**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **22093D**, and if you desaturate by 10%, it is **28153D**.

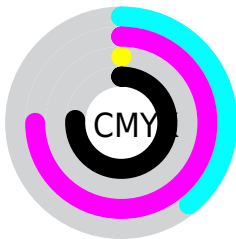
# Distribution



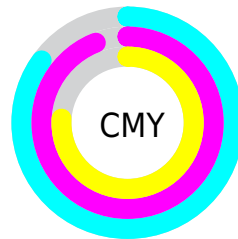
- Red (15%)
- Green (6%)
- Blue (24%)



- Red (15%)
- Yellow (6%)
- Blue (24%)



- Cyan (39%)
- Magenta (75%)
- Yellow (0%)
- Black (76%)



- Cyan (85%)
- Magenta (94%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 250F3D 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 250F3D by changing the saturation by 10% instead.



 250F3D

 250F3D

 FFF1FF

 130027

 543A6D

 000110

 6D5286

 000000

 876AA1

 A284BC

 BD9ED8

 D9B9F4

 F6D5FF

 250F3D

 250F3D

■ 22093D

■ 28153D

■ 1F033D

■ 2B1B3D

■ 1D003D

■ 2F213D

■ 32273D

■ 352E3D

■ 38343D

■ 3B3A3D

■ 3E403D

■ 42463D

# Harmonies

## Analogous

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



001B48



250F3D



3B0029

# Triad

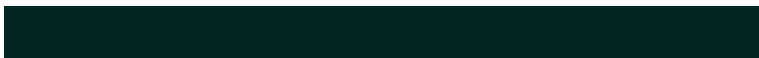
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



250F3D



2E1400



002523

# Complementary

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



250F3D



273D0F

# 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.



002508



250F3D



1B1D00

# Square

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



250F3D



3C0600



002200



002439

# Rectangle

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



250F3D



40001A



002200



00251B



# Sweetspot

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



250F3D



463D4F



0F283D



231D29



A8A8A8



292929



# Same Dimension

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



250F3D



2A084F



3B0F3D



1D1C1F



2D005E



6A00DE



# Inverse Universe

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



3D0F27



4F082D



113D0F



1F1C1D



5E0031



DE0074



# Previews

## White Background



This preview shows how the Hex color 250F3D looks on a white background.

## Color Contrast Check

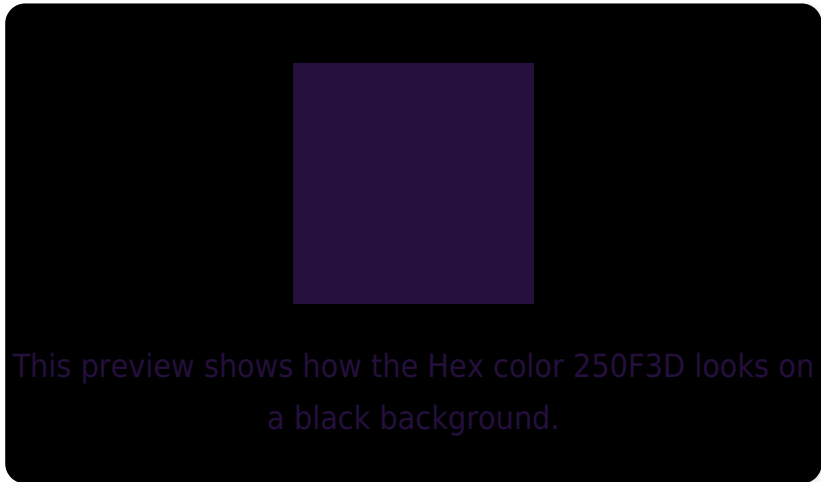
Large Text (above 18pt) WCAG AA ✓ Pass

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

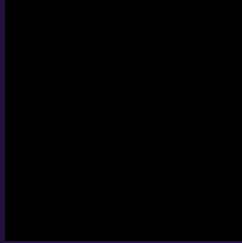
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 250F3D Background



This preview shows how black text looks on a background with the Hex color 250F3D.



This preview shows how white text looks on a background with the Hex color 250F3D.

# 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**  
250F3D

**Protanopia**  
001B39

**Deuteranopia**  
001D31



**Tritanopia**  
1E1B1D

# Trichromacy



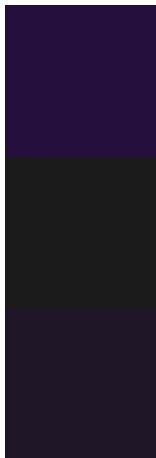
**Original Color**  
250F3D

**Protanomaly**  
0D173A

**Deuteranomaly**  
0D1835

**Tritanomaly**  
211729

# Monochromacy



**Original Color**  
250F3D

**Achromatopsia**  
1B1B1B

**Achromatomaly**  
1F1727

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 250F3D 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 #250F3D looks like.

```
.text, #text, p{  
    color:#250F3D  
}
```

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 #250F3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #250F3D
}
```

## Border

The CSS property to change the border of an element to Hex 250F3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

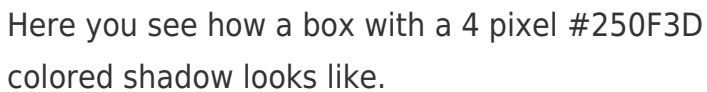
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#250F3D }
```

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

```
.border{ border-color:#250F3D }
```

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



Here you see how a box with a 4 pixel #250F3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #250F3D; -webkit-box-shadow:4px 4px  
4px 4px #250F3D; box-shadow:4px 4px 4px  
4px #250F3D }
```

# Background

The CSS property to change the background color of an element to Hex 250F3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#250F3D }
```

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

```
.background{ background-color:#250F3D }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor