

Converting Colors

Hex(250F75)

Have a look what the booklet for
Hex(250F75) contains.

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Color

Hex(250F75)

Conversions

Conversions Part 1

Format	Color
Hex	250F75
RGB	37, 15, 117
RGB Percent	15%, 6%, 46%
CMY	0.8549, 0.9412, 0.5412
CMYK	0.68, 0.87, 0.00, 0.54
HSL	253°, 77%, 26%
HSV	253°, 87%, 46%
XYZ	4.1447, 2.0193, 17.0009
YIQ	33.2060, -19.6300, 36.3860

Conversions

Conversions Part 2

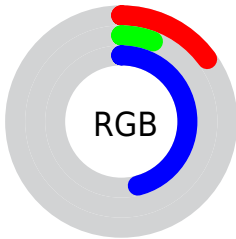
Format	Color
R_{YB}	37, 15, 117
Decimal	2428789
CIE _{Lab}	15.59, 39.83, -53.23
CIE _{LCh}	16, 66.487, 306.806
Yxy	2.0193, 0.1789, 0.0872
Android (android.graphics.Color)	4280618869 (0xFF250F75)
YUV	33.2060, 41.3104, 3.3273
Hunter-Lab	14.2103, 27.1945, -60.9864

Details

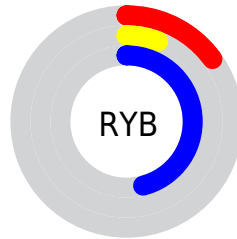
The Hex color **250F75** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5F750F**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **5F3EAA**, and **000043** is the 20% darker color. If you saturate the color by 10%, you get **1C0375**, and if you desaturate by 10%, it is **2E1B75**.

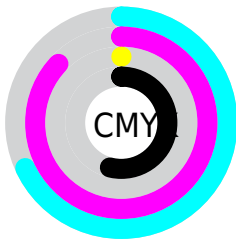
Distribution



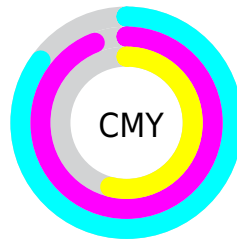
- Red (15%)
- Green (6%)
- Blue (46%)



- Red (15%)
- Yellow (6%)
- Blue (46%)



- Cyan (68%)
- Magenta (87%)
- Yellow (0%)
- Black (54%)



- Cyan (85%)
- Magenta (94%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 250F75 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 250F75 by changing the saturation by 10% instead.

 250F75

 250F75

 FFF8FF

 00005C

 5F3EAA

 000043

 7A56C6

 00032C

 966FE2

 000116

 B389FF

 000000

 D0A4FF

 EDBFFF

 FFDCCF

 250F75

 250F75

■ 1C0375

■ 2E1B75

■ 190075

■ 372675

■ 413275

■ 4A3E75

■ 534A75

■ 5C5575

■ 656175

■ 6E6D75

■ 787875

Harmonies

Analogous

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



002D89



250F75



62004D

Triad

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



250F75



4D1300



003831

Complementary

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



250F75



5F750F

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.



003600



250F75



282900

Square

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



250F75



670000



003200



003860

Rectangle

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



250F75



6F002E



003200



003720

Sweetspot

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



250F75



7A7199



0F6175



3A354D



CCCCCC



4D4D4D

Same Dimension

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



250F75



210099



560F75



36353B



1A007A



3600FA

Inverse Universe

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



750F5F



990078



2E750F



3B3539



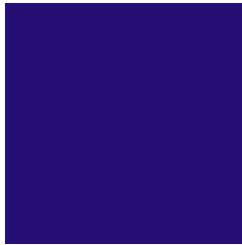
7A0060



FA00C4

Previews

White Background



This preview shows how the Hex color 250F75 looks on a white background.

Color Contrast Check

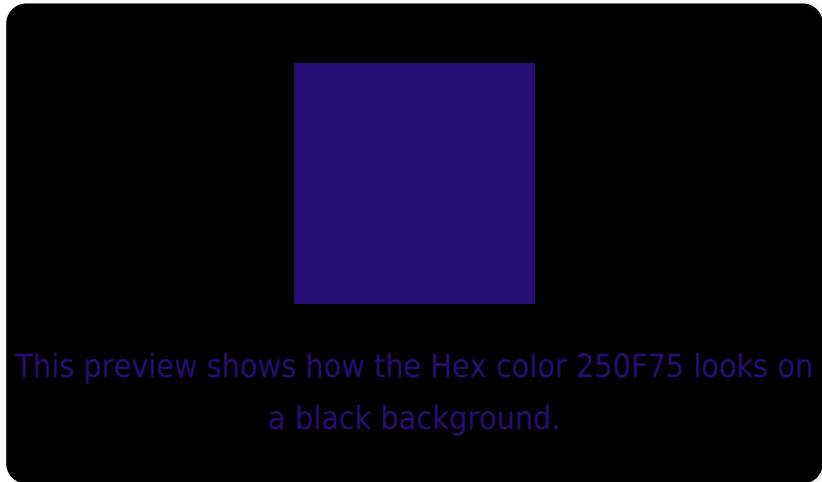
Large Text (above 18pt) WCAG AA ✓ Pass

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

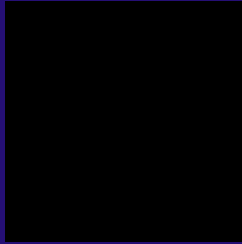
Any Text WCAG AA × Fail

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 250F75 Background



This preview shows how black text looks on a background with the Hex color 250F75.



This preview shows how white text looks on a background with the Hex color 250F75.

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
250F75

Protanopia
002752

Deuteranopia
002A46

Trichromacy



Original Color
250F75

Protanomaly
0D1E5F

Deuteranomaly
0D2057

Tritanomaly
0D2249

Monochromacy



Original Color
250F75

Achromatopsia
212121

Achromatomaly
221A40

CSS Examples

Text

The CSS property to change the color of the text to Hex 250F75 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 #250F75 looks like.

```
.text, #text, p{  
    color:#250F75  
}
```

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 #250F75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #250F75
}
```

Border

The CSS property to change the border of an element to Hex 250F75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

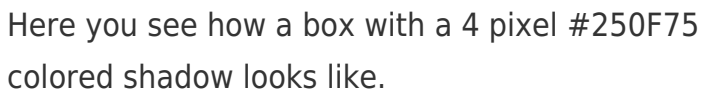
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#250F75 }
```

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

```
.border{ border-color:#250F75 }
```

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



Here you see how a box with a 4 pixel #250F75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #250F75; -webkit-box-shadow:4px 4px  
4px 4px #250F75; box-shadow:4px 4px 4px  
4px #250F75 }
```

Background

The CSS property to change the background color of an element to Hex 250F75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#250F75 }
```

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

```
.background{ background-color:#250F75 }
```

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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