

# Converting Colors

Hex(250816)

Have a look what the booklet for  
Hex(250816) contains.

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# Color

**Hex(250816)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	250816
RGB	37, 8, 22
RGB Percent	15%, 3%, 9%
CMY	0.8549, 0.9686, 0.9137
CMYK	0.00, 0.78, 0.41, 0.85
HSL	331°, 64%, 9%
HSV	331°, 78%, 15%
XYZ	0.9946, 0.6249, 0.8273
YIQ	18.2670, 12.7900, 10.5020

# Conversions

## Conversions Part 2

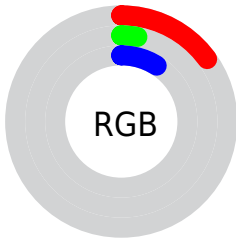
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 8, 22
Decimal	2426902
CIE Lab	5.64, 16.07, -2.10
CIE LCh	6, 16.204, 352.553
Yxy	0.6249, 0.4065, 0.2554
Android (android.graphics.Color)	4280616982 (0xFF250816)
YUV	18.2670, 1.8404, 16.4288
Hunter-Lab	7.9051, 8.6245, -0.6710

# Details

The Hex color **250816** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **082517**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **533440**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **250414**, and if you desaturate by 10%, it is **250C18**.

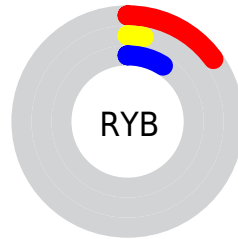
# Distribution



Red (15%)

Green (3%)

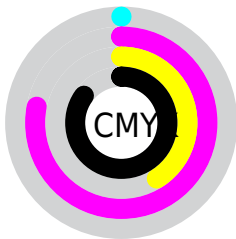
Blue (9%)



Red (15%)

Yellow (3%)

Blue (9%)

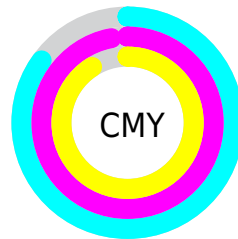


Cyan (0%)

Magenta (78%)

Yellow (41%)

Black (85%)



Cyan (85%)

Magenta (97%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 250816 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 250816 by changing the saturation by 10% instead.



 250816

 250816

 FFE8F7

 000000

 533440

 6B4B58

 856370

 9F7C89

 BB96A4

 D6B0BF

 F3CCDB

 250816

 250816

■ 250414

■ 250C18

■ 250112

■ 250F1A

■ 250012

■ 25131C

■ 25171E

■ 251B20

■ 251E21

■ 252223

■ 252625

■ 252927

# Harmonies

## Analogous

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



1E0B20



250816



270806

# Triad

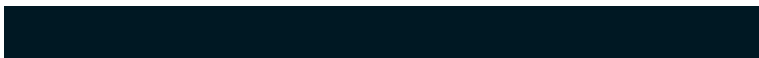
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



250816



0F1500



001823

# Complementary

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



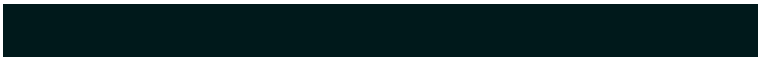
250816



082517

# 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.



00191B



250816



001800

# Square

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



250816



1C1100



00190E



001528

# Rectangle

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



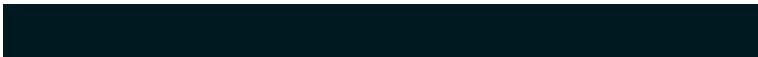
250816



260A00



00190E



001921



# Sweetspot

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



250816



30252A



170825



1A1216



999999



1A1A1A



# Same Dimension

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



250816



300319



250808



121011



520027



D10065



# Inverse Universe

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



250816



300319



082525



121011



520027

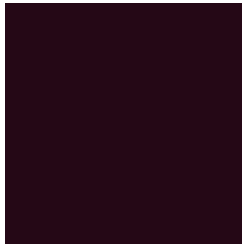


D10065



# Previews

## White Background



This preview shows how the Hex color 250816 looks on a white background.

## Color Contrast Check

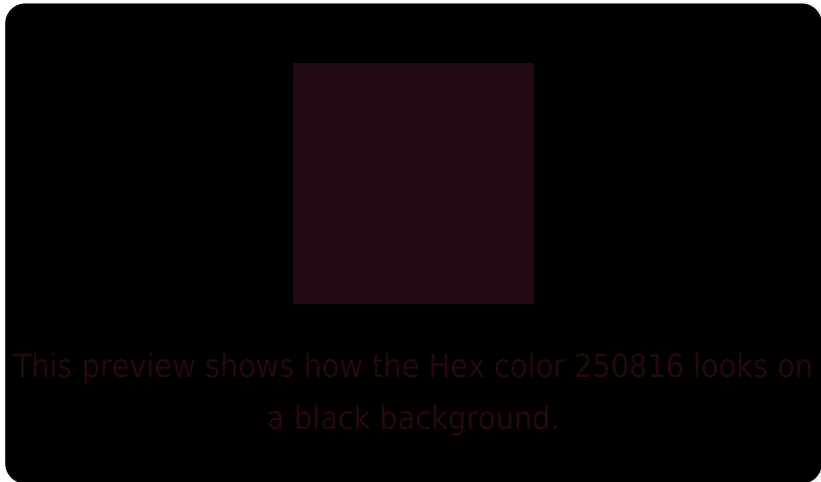
Large Text (above 18pt) WCAG AA ✓ Pass

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

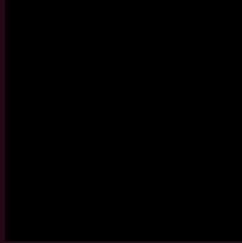
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 250816 Background



This preview shows how black text looks on a background with the Hex color 250816.



This preview shows how white text looks on a background with the Hex color 250816.

# 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**  
250816

**Protanopia**  
11141E

**Deuteranopia**  
161415



**Tritanopia**  
240B0C

# Trichromacy



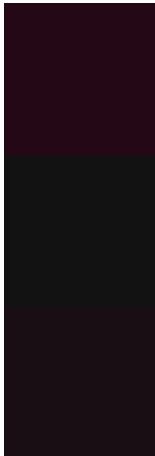
**Original Color**  
250816

**Protanomaly**  
18101B

**Deuteranomaly**  
1B1015

**Tritanomaly**  
240A10

# Monochromacy



**Original Color**  
250816

**Achromatopsia**  
121212

**Achromatomaly**  
190E13

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 250816 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 #250816 looks like.

```
.text, #text, p{  
    color:#250816  
}
```

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 #250816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #250816
}
```

## Border

The CSS property to change the border of an element to Hex 250816 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
#250816 }
```

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

```
.border{ border-color:#250816 }
```

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

Here you see how a box with a 4 pixel #250816 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #250816; -webkit-box-shadow:4px 4px  
4px 4px #250816; box-shadow:4px 4px 4px  
4px #250816 }
```

# Background

The CSS property to change the background color of an element to Hex 250816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#250816 }
```

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

```
.background{ background-color:#250816 }
```

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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