

# Converting Colors

Hex(250E16)

Have a look what the booklet for  
Hex(250E16) contains.

<b>Hex(250E16)</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(250E16)**

# Conversions

## Conversions Part 1

Format	Color
Hex	250E16
RGB	37, 14, 22
RGB Percent	15%, 5%, 9%
CMY	0.8549, 0.9451, 0.9137
CMYK	0.00, 0.62, 0.41, 0.85
HSL	339°, 45%, 10%
HSV	339°, 62%, 15%
XYZ	1.0648, 0.7653, 0.8507
YIQ	21.7890, 11.1400, 7.3640

# Conversions

## Conversions Part 2

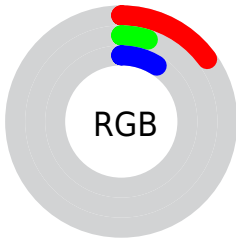
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	37, 14, 22
Decimal	2428438
CIE Lab	6.91, 13.12, -0.25
CIE LCh	7, 13.118, 358.916
Yxy	0.7653, 0.3972, 0.2855
Android (android.graphics.Color)	4280618518 (0xFF250E16)
YUV	21.7890, 0.1040, 13.3400
Hunter-Lab	8.7482, 6.4170, 0.3586

# Details

The Hex color **250E16** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0E251D**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **533840**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **250A14**, and if you desaturate by 10%, it is **251218**.

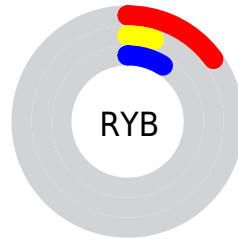
# Distribution



Red (15%)

Green (5%)

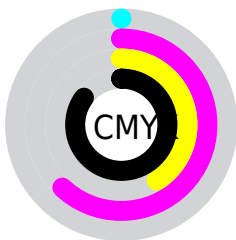
Blue (9%)



Red (15%)

Yellow (5%)

Blue (9%)

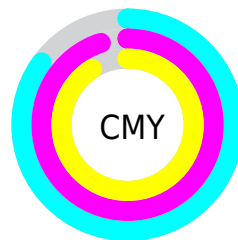


Cyan (0%)

Magenta (62%)

Yellow (41%)

Black (85%)



Cyan (85%)

Magenta (95%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 250E16 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 250E16 by changing the saturation by 10% instead.



 250E16

 250E16

 FFEEF7

 000000

 533840

 6B4F58

 856870

 9F8189

 BA9BA4

 D6B6BF

 F3D1DB

 250E16

 250E16

■ 250A14

■ 251218

■ 250711

■ 25151B

■ 25030F

■ 25191D

■ 25000D

■ 251D20

■ 252122

■ 252424

■ 252827

■ 252C29

■ 252F2C

# Harmonies

## Analogous

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



20101E



250E16



260F0A

# Triad

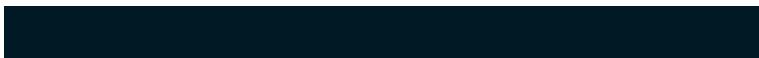
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



250E16



131700



001924

# Complementary

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



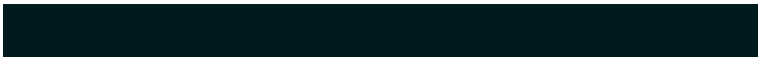
250E16



0E251D

# 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.



001A1D



250E16



041A08

# Square

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



250E16



1D1500



001B15



061626

# Rectangle

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



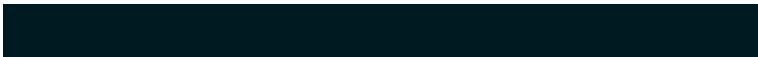
250E16



241002



001B15



001A22



# Sweetspot

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



250E16



30272A



1D0E25



1A1416



999999



1A1A1A



# Same Dimension

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



250E16



300C19



25110E



121011



52001C



D10049



# Inverse Universe

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



250E16



300C19



0E2225



121011



52001C

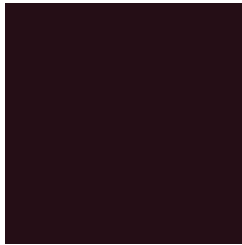


D10049



# Previews

## White Background



This preview shows how the Hex color 250E16 looks on a white background.

## Color Contrast Check

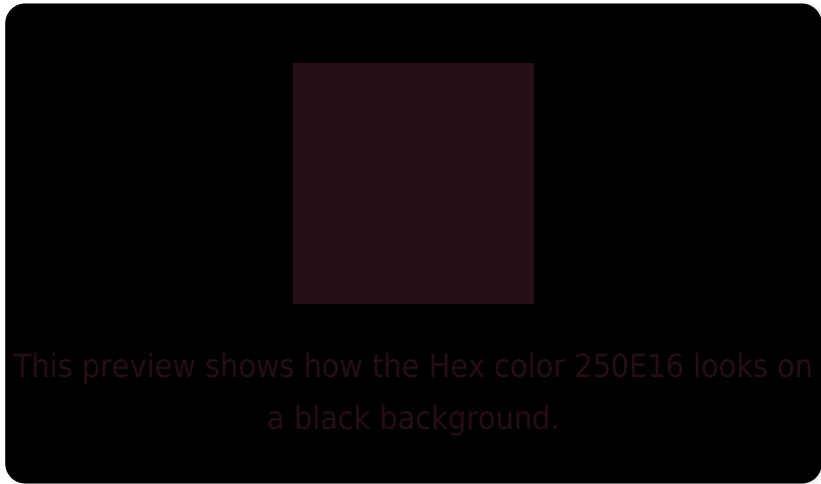
Large Text (above 18pt) WCAG AA ✓ Pass

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

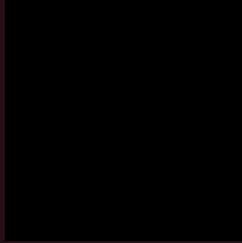
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 250E16 Background



This preview shows how black text looks on a background with the Hex color 250E16.



This preview shows how white text looks on a background with the Hex color 250E16.

# 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](#).

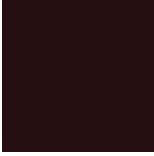
## Dichromacy



**Original Color**  
250E16

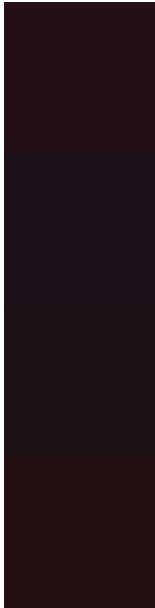
**Protanopia**  
15161B

**Deuteranopia**  
191615



**Tritanopia**  
250F10

# Trichromacy



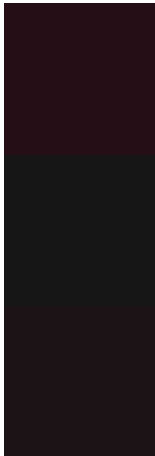
**Original Color**  
250E16

**Protanomaly**  
1B1319

**Deuteranomaly**  
1D1315

**Tritanomaly**  
250F12

# Monochromacy



**Original Color**  
250E16

**Achromatopsia**  
161616

**Achromatomaly**  
1B1316

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 250E16 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 #250E16 looks like.

```
.text, #text, p{  
    color:#250E16  
}
```

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 #250E16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #250E16  
}
```

## Border

The CSS property to change the border of an element to Hex 250E16 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  
#250E16 }
```

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

```
.border{ border-color:#250E16 }
```

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

Here you see how a box with a 4 pixel #250E16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #250E16; -webkit-box-shadow:4px 4px  
4px 4px #250E16; box-shadow:4px 4px 4px  
4px #250E16 }
```

# Background

The CSS property to change the background color of an element to Hex 250E16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#250E16 }
```

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

```
.background{ background-color:#250E16 }
```

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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