

# Converting Colors

Hex(250002)

Have a look what the booklet for  
Hex(250002) contains.

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# Color

**Hex(250002)**

# Conversions

## Conversions Part 1

Format	Color
Hex	250002
RGB	37, 0, 2
RGB Percent	15%, 0%, 1%
CMY	0.8549, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.95, 0.85
HSL	357°, 100%, 7%
HSV	357°, 100%, 15%
XYZ	0.7739, 0.3977, 0.0934
YIQ	11.2910, 21.4100, 8.4660

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">37, 0, 2</a>
Decimal	<a href="#">2424834</a>
CIELab	<a href="#">3.59, 16.22, 4.86</a>
CIELCh	<a href="#">4, 16.930, 16.674</a>
Yxy	<a href="#">0.3977, 0.6118, 0.3144</a>
Android (android.graphics.Color)	<a href="#">4280614914 (0xFF250002)</a>
YUV	<a href="#">11.2910, -4.5805, 22.5468</a>
Hunter-Lab	<a href="#">6.3063, 10.8693, 3.5363</a>

# Details

The Hex color **250002** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002523**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **512F32**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **250002**, and if you desaturate by 10%, it is **250405**.

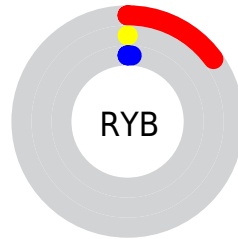
# Distribution



Red (15%)

Green (0%)

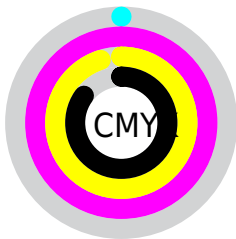
Blue (1%)



Red (15%)

Yellow (0%)

Blue (1%)



Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (85%)



Cyan (85%)

Magenta (100%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 250002 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 250002 by changing the saturation by 10% instead.



 250002

 250002

 FFE2E4

 000000

 512F32

 6A4548

 845D60

 9E7678

 BA9092

 D6AAAD

 F2C6C8

 250002

■ 250405

■ 250709

■ 250B0C

■ 250F10

■ 251313

■ 251617

■ 251A1A

■ 251E1E

■ 252122

# Harmonies

## Analogous

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



220114



250002



210300

# Triad

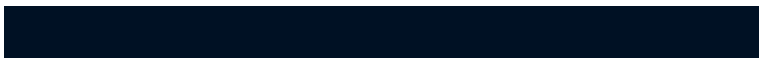
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



250002



001300



001124

# Complementary

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



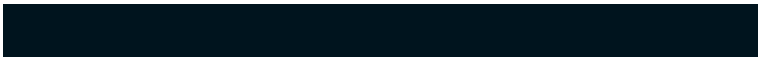
250002



002523

# 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.



00141E



250002



001503

# Square

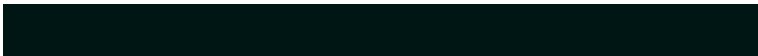
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



250002



080F00



001615



050B24

# Rectangle

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



250002



1C0700



001615



001223



# Sweetspot

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



250002



302223



230025



1A1011



999999



1A1A1A



# Same Dimension

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



250002



300003



251000



121010



520004



D1000B



# Inverse Universe

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



250002



300003



001525



121010



520004

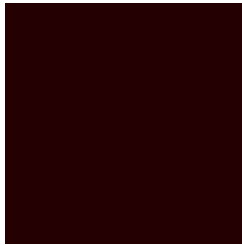


D1000B



# Previews

## White Background



This preview shows how the Hex color 250002 looks on a white background.

## Color Contrast Check

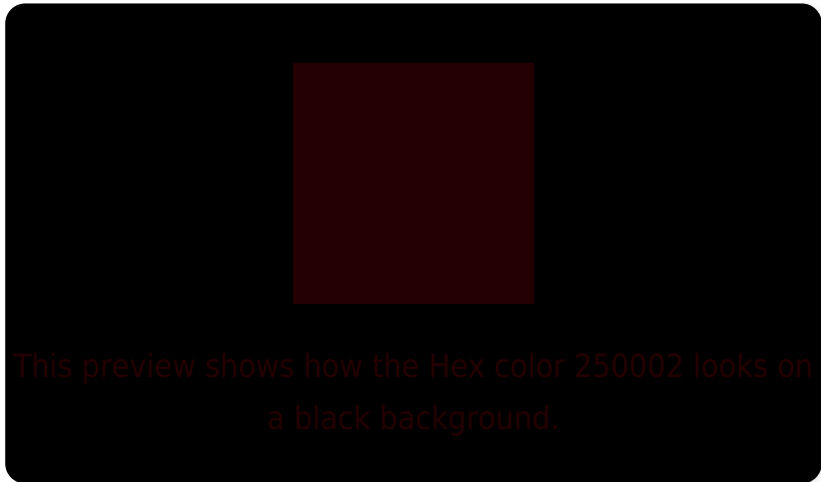
Large Text (above 18pt) WCAG AA ✓ Pass

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

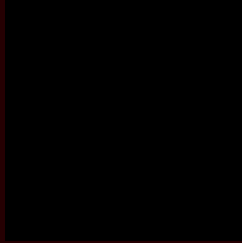
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 250002 Background



This preview shows how black text looks on a background with the Hex color 250002.



This preview shows how white text looks on a background with the Hex color 250002.

# 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](#).

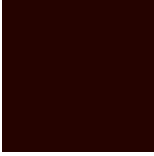
## Dichromacy



**Original Color**  
250002

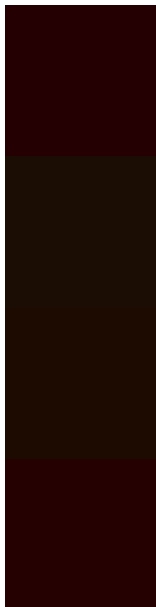
**Protanopia**  
151305

**Deuteranopia**  
181200



**Tritanopia**  
250300

# Trichromacy



**Original Color**

250002

**Protanomaly**

1B0C04

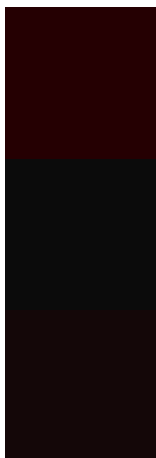
**Deuteranomaly**

1D0B01

**Tritanomaly**

250201

# Monochromacy



**Original Color**

250002

**Achromatopsia**

0B0B0B

**Achromatomaly**

140708

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 250002 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 #250002 looks like.

```
.text, #text, p{  
    color:#250002  
}
```

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 #250002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #250002
}
```

## Border

The CSS property to change the border of an element to Hex 250002 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
#250002 }
```

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

```
.border{ border-color:#250002 }
```

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

Here you see how a box with a 4 pixel #250002 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #250002; -webkit-box-shadow:4px 4px  
4px 4px #250002; box-shadow:4px 4px 4px  
4px #250002 }
```

# Background

The CSS property to change the background color of an element to Hex 250002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#250002 }
```

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

```
.background{ background-color:#250002 }
```

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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