

# Converting Colors

Hex(251002)

Have a look what the booklet for  
Hex(251002) contains.

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# Color

**Hex(251002)**

# Conversions

## Conversions Part 1

Format	Color
Hex	251002
RGB	37, 16, 2
RGB Percent	15%, 6%, 1%
CMY	0.8549, 0.9373, 0.9922
CMYK	0.00, 0.57, 0.95, 0.85
HSL	24°, 90%, 8%
HSV	24°, 95%, 15%
XYZ	0.9592, 0.7683, 0.1552
YIQ	20.6830, 17.0100, 0.0980

# Conversions

## Conversions Part 2

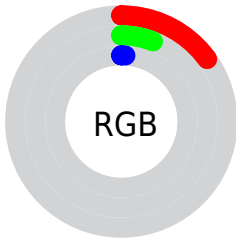
Format	Color
<a href="#">RYB</a>	<a href="#">37, 25, 2</a>
Decimal	<a href="#">2428930</a>
CIELab	<a href="#">6.94, 9.17, 9.75</a>
CIElCh	<a href="#">7, 13.383, 46.737</a>
Yxy	<a href="#">0.7683, 0.5095, 0.4081</a>
Android (android.graphics.Color)	<a href="#">4280619010 (0xFF251002)</a>
YUV	<a href="#">20.6830, -9.2107, 14.3100</a>
Hunter-Lab	<a href="#">8.7652, 4.1948, 5.0860</a>

# Details

The Hex color **251002** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **021725**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **523A31**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **250F00**, and if you desaturate by 10%, it is **251206**.

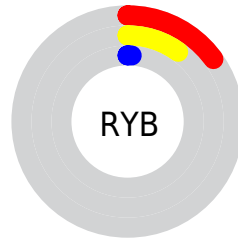
# Distribution



Red (15%)

Green (6%)

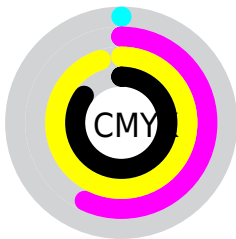
Blue (1%)



Red (15%)

Yellow (10%)

Blue (1%)

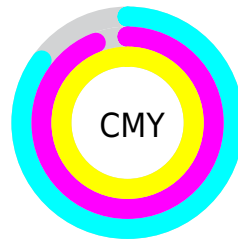


Cyan (0%)

Magenta (57%)

Yellow (95%)

Black (85%)



Cyan (85%)

Magenta (94%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 251002 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 251002 by changing the saturation by 10% instead.



 251002

 251002

 FFF0E4

 000000

 523A31

 6B5148

 85695F

 9F8378

 BA9D92

 D6B8AC

 F3D3C8

 251002

 251002

■ 250F00

■ 251206

■ 251409

■ 25170D

■ 251911

■ 251B15

■ 251D18

■ 25201C

■ 252220

■ 252423

# Harmonies

## Analogous

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



260E10



251002



201300

# Triad

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



251002



001B10



101426

# Complementary

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



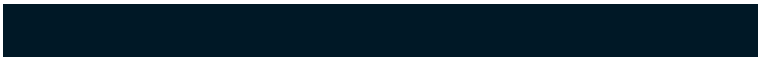
251002



021725

# 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.



001826



251002



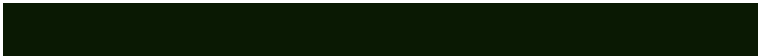
001B1A

# Square

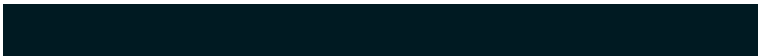
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



251002



0A1903



001A22



1C1122

# Rectangle

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



251002



1A1500



001A22



0A1627



# Sweetspot

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



251002



302823



250217



1A1411



999999



1A1A1A



# Same Dimension

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



251002



301300



252102



121110



522100



D15400



# Inverse Universe

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



021725



001D30



020525



101112



003152

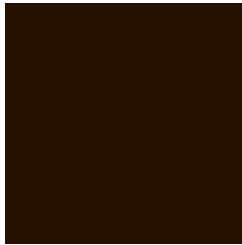


007DD1



# Previews

## White Background



This preview shows how the Hex color 251002 looks on a white background.

## Color Contrast Check

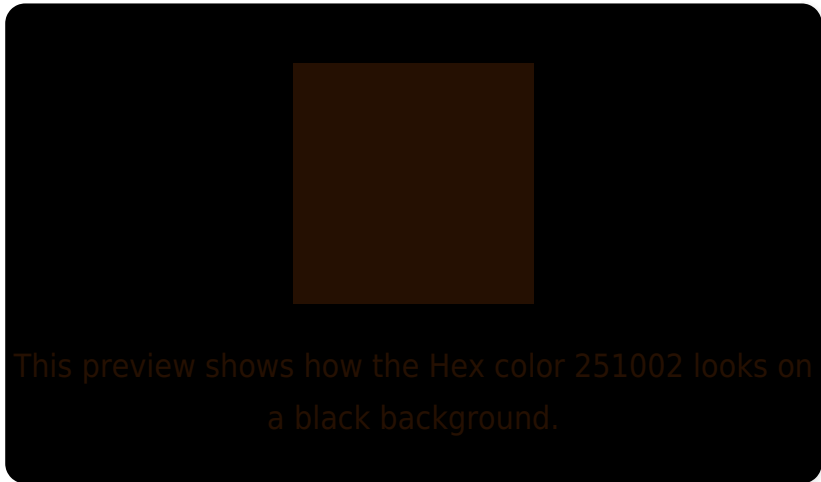
Large Text (above 18pt) WCAG AA ✓ Pass

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

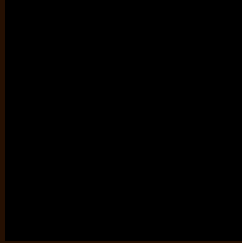
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 251002 Background



This preview shows how black text looks on a background with the Hex color 251002.

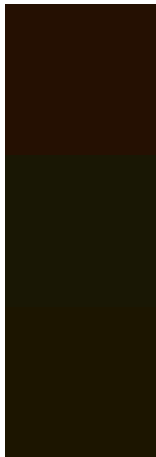


This preview shows how white text looks on a background with the Hex color 251002.

# 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](#).

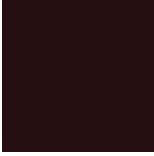
## Dichromacy



**Original Color**  
251002

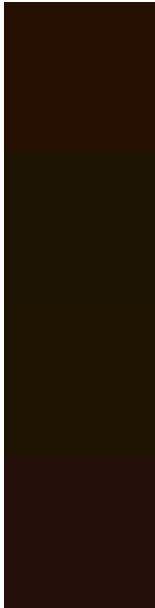
**Protanopia**  
191704

**Deuteranopia**  
1C1500



**Tritanopia**  
250F10

# Trichromacy



**Original Color**  
251002

**Protanomaly**  
1D1403

**Deuteranomaly**  
1F1301

**Tritanomaly**  
250F0B

# Monochromacy



**Original Color**  
251002

**Achromatopsia**  
151515

**Achromatomaly**  
1B130E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 251002 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 #251002 looks like.

```
.text, #text, p{  
    color:#251002  
}
```

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 #251002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #251002
}
```

## Border

The CSS property to change the border of an element to Hex 251002 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".

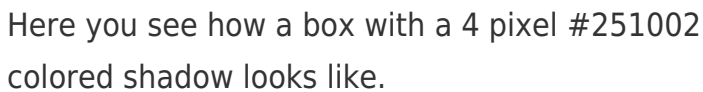
```
.border, #border, table{ border:4px solid
#251002 }
```

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

```
.border{ border-color:#251002 }
```

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

Here you see how a box with a 4 pixel #251002 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #251002; -webkit-box-shadow:4px 4px  
4px 4px #251002; box-shadow:4px 4px 4px  
4px #251002 }
```

# Background

The CSS property to change the background color of an element to Hex 251002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#251002 }
```

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

```
.background{ background-color:#251002 }
```

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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