

Converting Colors

Hex(250300)

Have a look what the booklet for
Hex(250300) contains.

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Color

Hex(250300)

Conversions

Conversions Part 1

Format	Color
Hex	250300
RGB	37, 3, 0
RGB Percent	15%, 1%, 0%
CMY	0.8549, 0.9882, 1.0000
CMYK	0.00, 0.92, 1.00, 0.85
HSL	5°, 100%, 7%
HSV	5°, 100%, 15%
XYZ	0.7955, 0.4584, 0.0466
YIQ	12.8240, 21.2270, 6.2750

Conversions

Conversions Part 2

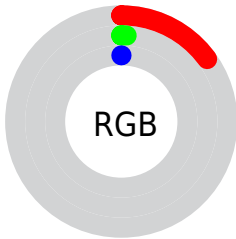
Format	Color
RYB	37, 3, 0
Decimal	2425600
CIELab	4.14, 14.74, 6.47
CIELCh	4, 16.097, 23.714
Yxy	0.4584, 0.6117, 0.3525
Android (android.graphics.Color)	4280615680 (0xFF250300)
YUV	12.8240, -6.3222, 21.2024
Hunter-Lab	6.7708, 9.1233, 4.3319

Details

The Hex color **250300** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002225**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **513130**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **250300**, and if you desaturate by 10%, it is **250604**.

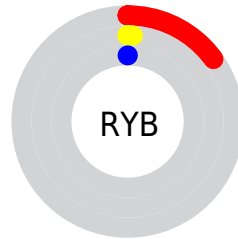
Distribution



Red (15%)

Green (1%)

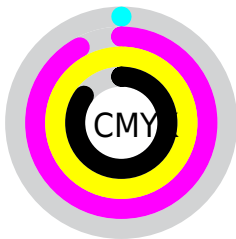
Blue (0%)



Red (15%)

Yellow (1%)

Blue (0%)

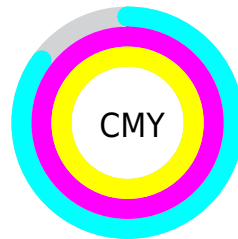


Cyan (0%)

Magenta (92%)

Yellow (100%)

Black (85%)



Cyan (85%)

Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 250300 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 250300 by changing the saturation by 10% instead.

 250300

 250300

 FFE4E2

 000000

 513130

 6A4747

 845F5E

 9E7877

 BA9291

 D6ADAB

 F2C8C6

 250300

■ 250604

■ 250A07

■ 250D0B

■ 25110F

■ 251413

■ 251716

■ 251B1A

■ 251E1E

■ 252221

Harmonies

Analogous

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



230312



250300



200700

Triad

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



250300



001500



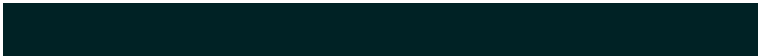
001124

Complementary

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



250300



002225

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.



001420



250300



00170A

Square

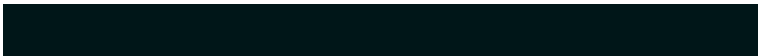
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



250300



061200



001618



0D0C23

Rectangle

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



250300



1B0B00



001618



001224

Sweetspot

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



250300



302322



250023



1A1110



999999



1A1A1A

Same Dimension

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



250300



300400



251500



121010



520700



D11100

Inverse Universe

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



002225



002D30



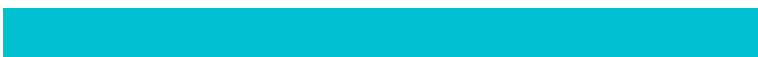
001025



101212



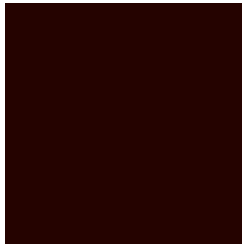
004B52



00C0D1

Previews

White Background



This preview shows how the Hex color 250300 looks on a white background.

Color Contrast Check

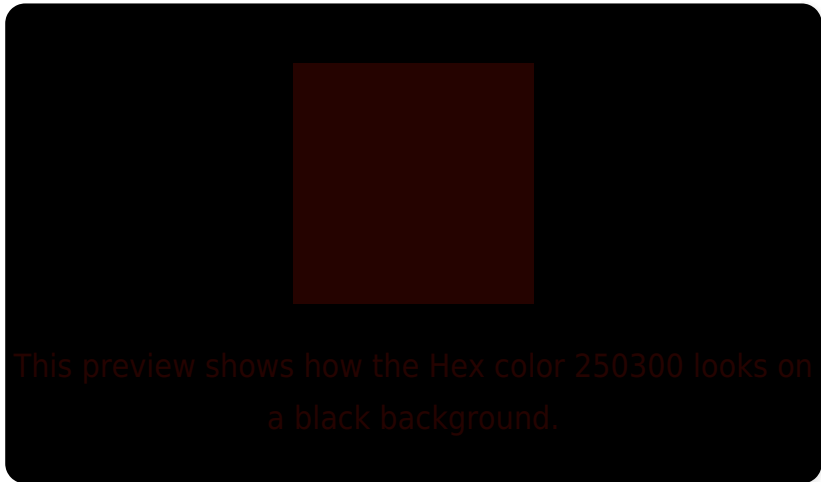
Large Text (above 18pt) WCAG AA ✓ Pass

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

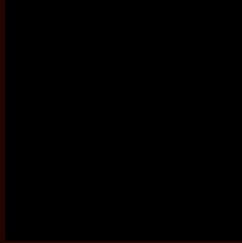
Any Text WCAG AA × Fail

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 250300 Background



This preview shows how black text looks on a background with the Hex color 250300.

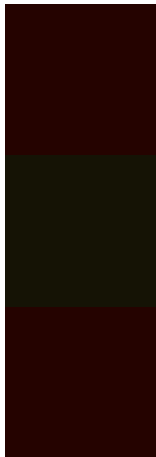


This preview shows how white text looks on a background with the Hex color 250300.

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
250300

Protanopia
151305

Tritanopia
250300

Trichromacy

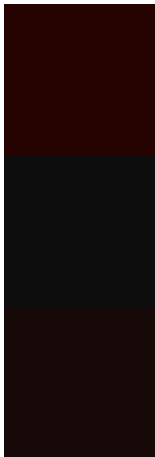


Original Color
250300

Protanomaly
1B0D03

Tritanomaly
250300

Monochromacy



Original Color
250300

Achromatopsia
0D0D0D

Achromatomaly
160908

CSS Examples

Text

The CSS property to change the color of the text to Hex 250300 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 #250300 looks like.

```
.text, #text, p{  
    color:#250300  
}
```

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 #250300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #250300
}
```

Border

The CSS property to change the border of an element to Hex 250300 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".

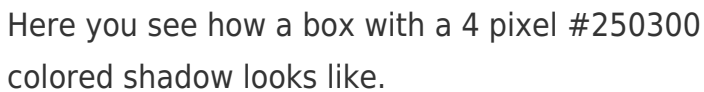
```
.border, #border, table{ border:4px solid
#250300 }
```

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

```
.border{ border-color:#250300 }
```

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

Here you see how a box with a 4 pixel #250300 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #250300; -webkit-box-shadow:4px 4px  
4px 4px #250300; box-shadow:4px 4px 4px  
4px #250300 }
```

Background

The CSS property to change the background color of an element to Hex 250300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#250300 }
```

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

```
.background{ background-color:#250300 }
```

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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