

Converting Colors

Hex(250400)

Have a look what the booklet for
Hex(250400) contains.

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Color

Hex(250400)

Conversions

Conversions Part 1

Format	Color
Hex	250400
RGB	37, 4, 0
RGB Percent	15%, 2%, 0%
CMY	0.8549, 0.9843, 1.0000
CMYK	0.00, 0.89, 1.00, 0.85
HSL	6°, 100%, 7%
HSV	6°, 100%, 15%
XYZ	0.8064, 0.4801, 0.0502
YIQ	13.4110, 20.9520, 5.7520

Conversions

Conversions Part 2

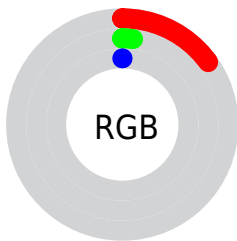
Format	Color
R_{YB}	37, 4, 0
Decimal	2425856
CIE _{Lab}	4.34, 14.34, 6.76
CIE _{LCh}	4, 15.851, 25.244
Yxy	0.4801, 0.6033, 0.3592
Android (android.graphics.Color)	4280615936 (0xFF250400)
YUV	13.4110, -6.6116, 20.6876
Hunter-Lab	6.9293, 8.6460, 4.4211

Details

The Hex color **250400** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002125**, 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 **250400**, and if you desaturate by 10%, it is **250704**.

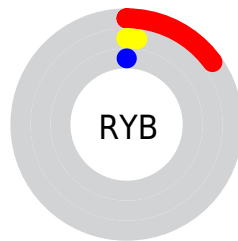
Distribution



Red (15%)

Green (2%)

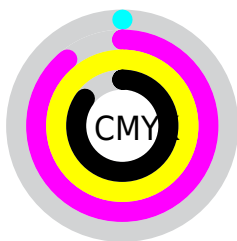
Blue (0%)



Red (15%)

Yellow (2%)

Blue (0%)

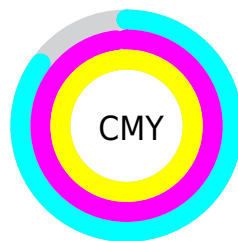


Cyan (0%)

Magenta (89%)

Yellow (100%)

Black (85%)



Cyan (85%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 250400 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 250400 by changing the saturation by 10% instead.

 250400

 250400

 FFE5E2

 000000

 513130

 6A4847

 84605E

 9E7977

 BA9391

 D6ADAB

 F2C9C6

 250400

■ 250704

■ 250B07

■ 250E0B

■ 25110F

■ 251513

■ 251816

■ 251B1A

■ 251E1E

■ 252221

Harmonies

Analogous

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



230412



250400



200800

Triad

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



250400



001500



001125

Complementary

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



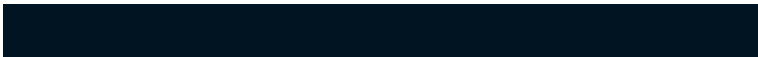
250400



002125

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.



001521



250400



00170C

Square

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



250400



071200



001719



0E0C23

Rectangle

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



250400



1A0C00



001719



001224

Sweetspot

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



250400



302322



250021



1A1110



999999



1A1A1A

Same Dimension

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



250400



300500



251600



121010



520900



D11700

Inverse Universe

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



002125



002B30



000F25



101212



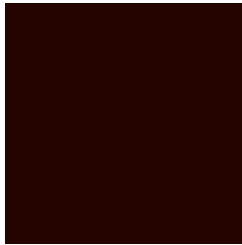
004952



00BAD1

Previews

White Background



This preview shows how the Hex color 250400 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

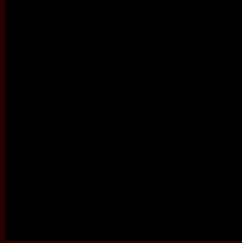
Any Text WCAG AA × Fail

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 250400 Background



This preview shows how black text looks on a background with the Hex color 250400.



This preview shows how white text looks on a background with the Hex color 250400.

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
250400

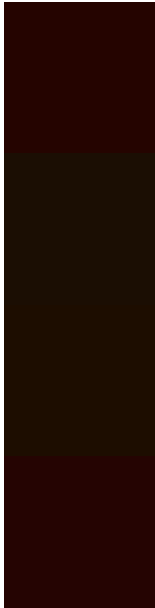
Protanopia
151305

Deuteranopia
181200



Tritanopia
250403

Trichromacy



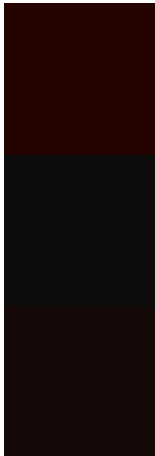
Original Color
250400

Protanomaly
1B0E03

Deuteranomaly
1D0D00

Tritanomaly
250402

Monochromacy



Original Color
250400

Achromatopsia
0D0D0D

Achromatomaly
160A08

CSS Examples

Text

The CSS property to change the color of the text to Hex 250400 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 #250400 looks like.

```
.text, #text, p{  
    color:#250400  
}
```

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 #250400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #250400
}
```

Border

The CSS property to change the border of an element to Hex 250400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

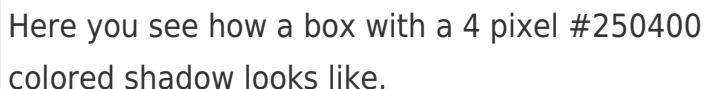
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#250400 }
```

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

```
.border{ border-color:#250400 }
```

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



Here you see how a box with a 4 pixel #250400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #250400; -webkit-box-shadow:4px 4px  
4px 4px #250400; box-shadow:4px 4px 4px  
4px #250400 }
```

Background

The CSS property to change the background color of an element to Hex 250400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#250400 }
```

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

```
.background{ background-color:#250400 }
```

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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