

Converting Colors

Hex(250404)

Have a look what the booklet for
Hex(250404) contains.

Hex(250404)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(250404)

Conversions

Conversions Part 1

Format	Color
Hex	250404
RGB	37, 4, 4
RGB Percent	15%, 2%, 2%
CMY	0.8549, 0.9843, 0.9843
CMYK	0.00, 0.89, 0.89, 0.85
HSL	0°, 80%, 8%
HSV	0°, 89%, 15%
XYZ	0.8283, 0.4889, 0.1656
YIQ	13.8670, 19.6680, 6.9960

Conversions

Conversions Part 2

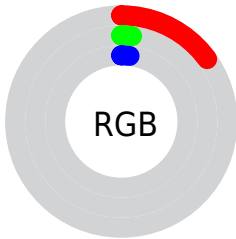
Format	Color
RYB	37, 4, 4
Decimal	2425860
CIELab	4.42, 14.89, 5.25
CIELCh	4, 15.791, 19.404
Yxy	0.4889, 0.5586, 0.3297
Android (android.graphics.Color)	4280615940 (0xFF250404)
YUV	13.8670, -4.8644, 20.2876
Hunter-Lab	6.9922, 8.9082, 3.4906

Details

The Hex color **250404** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **042525**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **523133**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **250000**, and if you desaturate by 10%, it is **250808**.

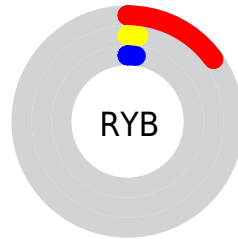
Distribution



Red (15%)

Green (2%)

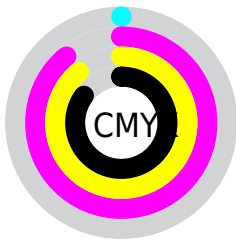
Blue (2%)



Red (15%)

Yellow (2%)

Blue (2%)

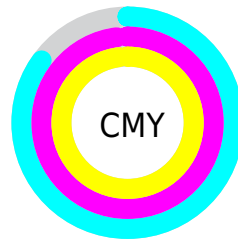


Cyan (0%)

Magenta (89%)

Yellow (89%)

Black (85%)



Cyan (85%)

Magenta (98%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 250404 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 250404 by changing the saturation by 10% instead.

 250404

 250404

 FFE5E5

 000000

 523133

 6A4849

 846061

 9F797A

 BA9393

 D6ADAE

 F3C9C9

 250404

 250404

■ 250000

■ 250808

■ 250B0B

■ 250F0F

■ 251313

■ 251717

■ 251A1A

■ 251E1E

■ 252222

■ 252525

Harmonies

Analogous

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



220415



250404



220700

Triad

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



250404



001500



001224

Complementary

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



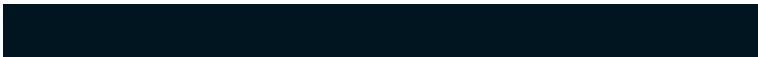
250404



042525

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.



001520



250404



001708

Square

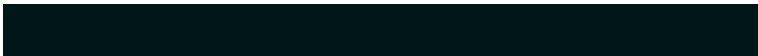
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



250404



0B1200



001717



0A0D24

Rectangle

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



250404



1C0B00



001717



001323

Sweetspot

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



250404



302323



250425



1A1111



999999



1A1A1A

Same Dimension

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



250404



300000



251504



121010



520000



D10000

Inverse Universe

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



042525



003030



041525



101212



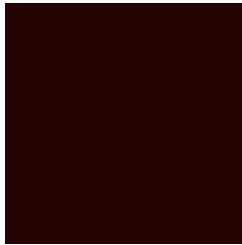
005252



00D1D1

Previews

White Background



This preview shows how the Hex color 250404 looks on a white background.

Color Contrast Check

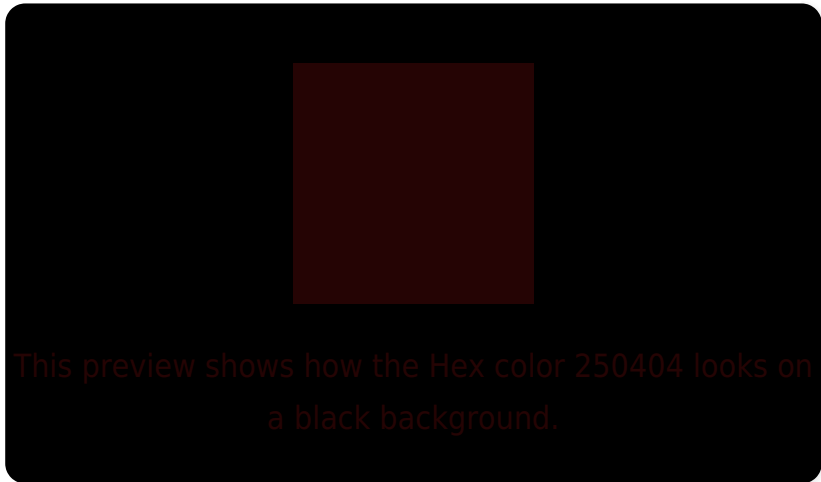
Large Text (above 18pt) WCAG AA ✓ Pass

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

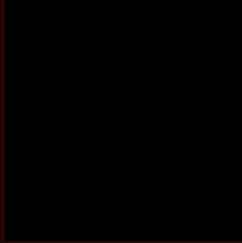
Any Text WCAG AA × Fail

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 250404 Background



This preview shows how black text looks on a background with the Hex color 250404.



This preview shows how white text looks on a background with the Hex color 250404.

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
250404

Protanopia
151307

Deuteranopia
181200



Tritanopia
250403

Trichromacy



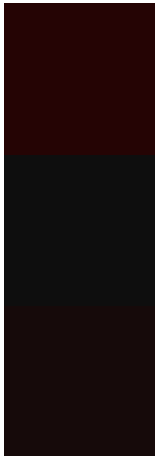
Original Color
250404

Protanomaly
1B0E06

Deuteranomaly
1D0D01

Tritanomaly
250403

Monochromacy



Original Color
250404

Achromatopsia
0E0E0E

Achromatomaly
160A0A

CSS Examples

Text

The CSS property to change the color of the text to Hex 250404 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 #250404 looks like.

```
.text, #text, p{  
    color:#250404  
}
```

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 #250404 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #250404
}
```

Border

The CSS property to change the border of an element to Hex 250404 is called "border". The border property can be set on classes, ids or directly on the HTML element.

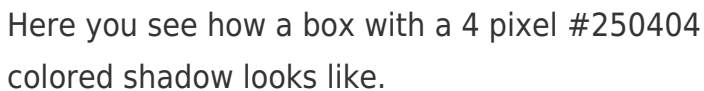
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#250404 }
```

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

```
.border{ border-color:#250404 }
```

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



Here you see how a box with a 4 pixel #250404 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #250404; -webkit-box-shadow:4px 4px  
4px 4px #250404; box-shadow:4px 4px 4px  
4px #250404 }
```

Background

The CSS property to change the background color of an element to Hex 250404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#250404 }
```

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

```
.background{ background-color:#250404 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor