

Converting Colors

Hex(250311)

Have a look what the booklet for
Hex(250311) contains.

Hex(250311)	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(250311)

Conversions

Conversions Part 1

Format	Color
Hex	250311
RGB	37, 3, 17
RGB Percent	15%, 1%, 7%
CMY	0.8549, 0.9882, 0.9333
CMYK	0.00, 0.92, 0.54, 0.85
HSL	335°, 85%, 8%
HSV	335°, 92%, 15%
XYZ	0.8967, 0.4989, 0.5794
YIQ	14.7620, 15.7700, 11.5620

Conversions

Conversions Part 2

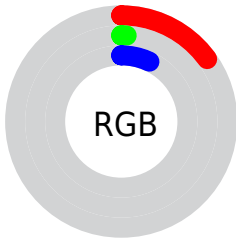
Format	Color
RYB	37, 3, 17
Decimal	2425617
CIELab	4.51, 17.26, -0.52
CIELCh	5, 17.268, 358.285
Yxy	0.4989, 0.4540, 0.2526
Android (android.graphics.Color)	4280615697 (0xFF250311)
YUV	14.7620, 1.1033, 19.5027
Hunter-Lab	7.0634, 10.2996, 0.0813

Details

The Hex color **250311** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **032517**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **52303B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **25000F**, and if you desaturate by 10%, it is **250713**.

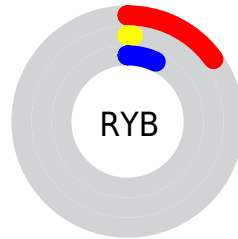
Distribution



Red (15%)

Green (1%)

Blue (7%)



Red (15%)

Yellow (1%)

Blue (7%)

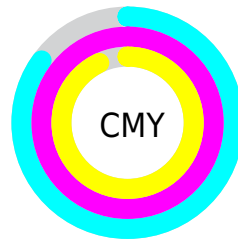


Cyan (0%)

Magenta (92%)

Yellow (54%)

Black (85%)



Cyan (85%)

Magenta (99%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 250311 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 250311 by changing the saturation by 10% instead.

 250311

 250311

 FFE4F1

 000000

 52303B

 6B4752

 855F6B

 9F7884

 BA929E

 D6ACB9

 F3C8D4

 250311

 250311

■ 25000F

■ 250713

■ 250A15

■ 250E18

■ 25121A

■ 25151C

■ 25191E

■ 251D20

■ 252122

■ 252425

Harmonies

Analogous

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



1F061D



250311



260400

Triad

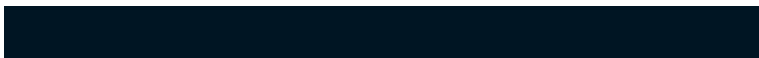
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



250311



041300



001523

Complementary

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



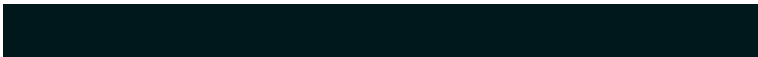
250311



032517

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.



00171B



250311



001600

Square

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



250311



160F00



00180E



001127

Rectangle

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



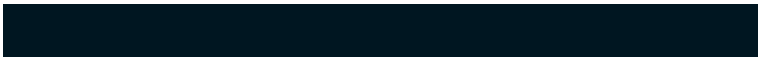
250311



230700



00180E



001621

Sweetspot

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



250311



302328



170325



1A1114



999999



1A1A1A

Same Dimension

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



250311



300014



250603



121011



520022



D10056

Inverse Universe

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



250311



300014



032225



121011



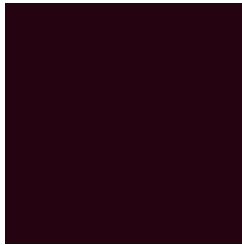
520022



D10056

Previews

White Background



This preview shows how the Hex color 250311 looks on a white background.

Color Contrast Check

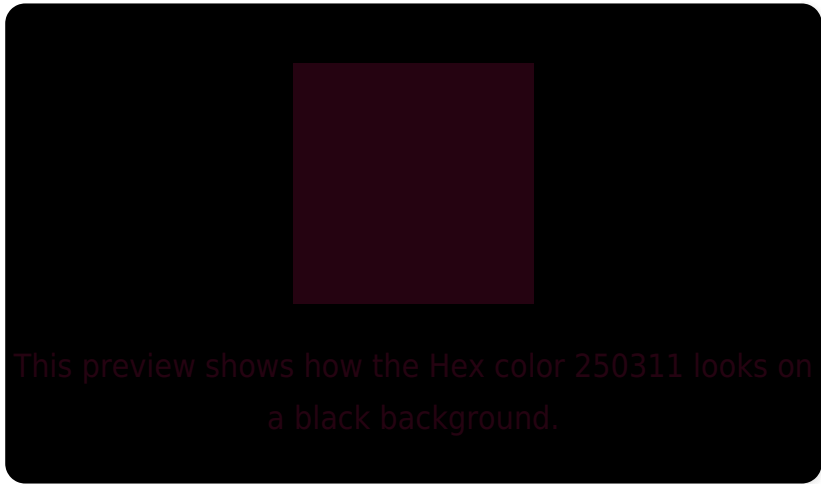
Large Text (above 18pt) WCAG AA ✓ Pass

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

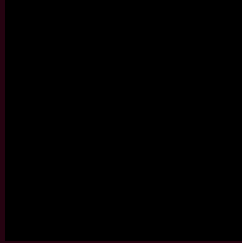
Any Text WCAG AA × Fail

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 250311 Background



This preview shows how black text looks on a background with the Hex color 250311.



This preview shows how white text looks on a background with the Hex color 250311.

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](#).

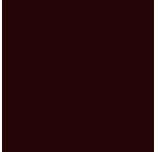
Dichromacy



Original Color
250311

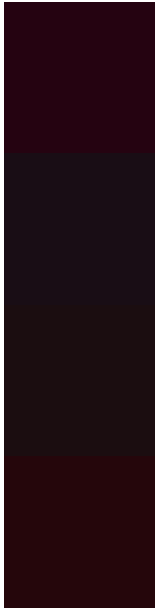
Protanopia
121318

Deuteranopia
16120F



Tritanopia
250707

Trichromacy



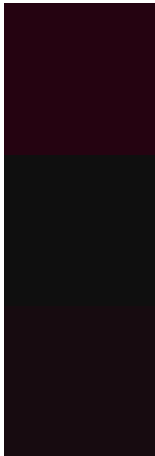
Original Color
250311

Protanomaly
190D15

Deuteranomaly
1B0D10

Tritanomaly
25060B

Monochromacy



Original Color
250311

Achromatopsia
0F0F0F

Achromatomaly
170B10

CSS Examples

Text

The CSS property to change the color of the text to Hex 250311 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 #250311 looks like.

```
.text, #text, p{  
    color:#250311  
}
```

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 #250311 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #250311
}
```

Border

The CSS property to change the border of an element to Hex 250311 is called "border". The border property can be set on classes, ids or directly on the HTML element.

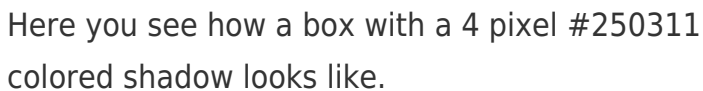
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#250311 }
```

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

```
.border{ border-color:#250311 }
```

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



Here you see how a box with a 4 pixel #250311 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #250311; -webkit-box-shadow:4px 4px  
4px 4px #250311; box-shadow:4px 4px 4px  
4px #250311 }
```

Background

The CSS property to change the background color of an element to Hex 250311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#250311 }
```

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

```
.background{ background-color:#250311 }
```

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