

Converting Colors

Hex(251913)

Have a look what the booklet for
Hex(251913) contains.

Hex(251913)	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(251913)

Conversions

Conversions Part 1

Format	Color
Hex	251913
RGB	37, 25, 19
RGB Percent	15%, 10%, 7%
CMY	0.8549, 0.9020, 0.9255
CMYK	0.00, 0.32, 0.49, 0.85
HSL	20°, 32%, 11%
HSV	20°, 49%, 15%
XYZ	1.2281, 1.1356, 0.7706
YIQ	27.9040, 9.0780, 0.6780

Conversions

Conversions Part 2

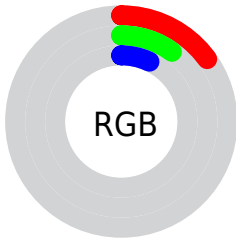
Format	Color
RYB	37, 28, 19
Decimal	2431251
CIELab	10.07, 4.94, 6.35
CIELCh	10, 8.044, 52.086
Yxy	1.1356, 0.3918, 0.3623
Android (android.graphics.Color)	4280621331 (0xFF251913)
YUV	27.9040, -4.3897, 7.9772
Hunter-Lab	10.6564, 1.9229, 3.1723

Details

The Hex color **251913** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **131F25**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **52443D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **25170F**, and if you desaturate by 10%, it is **251B17**.

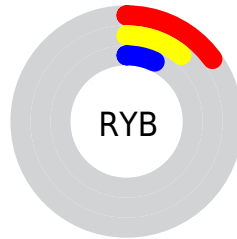
Distribution



Red (15%)

Green (10%)

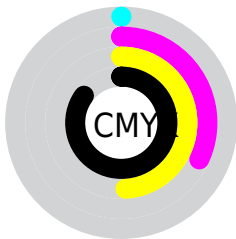
Blue (7%)



Red (15%)

Yellow (11%)

Blue (7%)

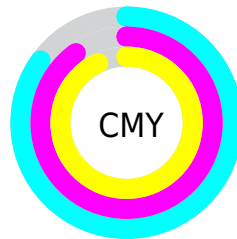


Cyan (0%)

Magenta (32%)

Yellow (49%)

Black (85%)



Cyan (85%)

Magenta (90%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 251913 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 251913 by changing the saturation by 10% instead.

■ 251913

■ 251913

■ FFFCF3

■ 0D0000

■ 52443D

■ 000000

■ 6B5B54

■ 84746D

■ 9E8D86

■ B9A8A0

■ D5C3BB

■ F1DFD7

■ 251913

■ 251913

■ 25170F

■ 251B17

■ 25140C

■ 251E1A

■ 251208

■ 25201E

■ 250F04

■ 252322

■ 250D01

■ 252526

■ 250C00

■ 252829

■ 252A2D

■ 252D31

■ 252F34

Harmonies

Analogous

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



271818



251913



211B10

Triad

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



251913



0F1F1A



1B1B26

Complementary

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



251913



131F25

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.



131D26



251913



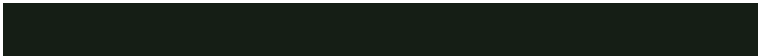
0C1F1F

Square

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



251913



151E15



0D1E24



211922

Rectangle

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



251913



1E1C10



0D1E24



181B26

Sweetspot

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



251913



302C29



25131F



1A1615



999999



1A1A1A

Same Dimension

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



251913



301E14



252213



121110



521B00



D14600

Inverse Universe

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



131F25



142730



131625



101112



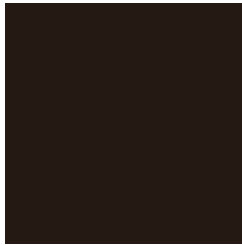
003652



008BD1

Previews

White Background



This preview shows how the Hex color 251913 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

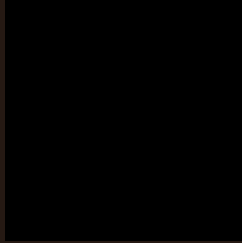
Any Text WCAG AA × Fail

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 251913 Background



This preview shows how black text looks on a background with the Hex color 251913.



This preview shows how white text looks on a background with the Hex color 251913.

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
251913

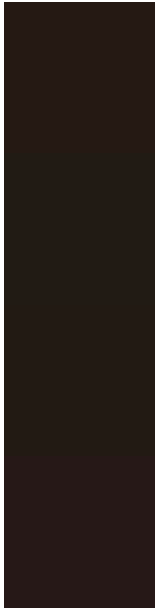
Protanopia
1E1C14

Deuteranopia
211B13



Tritanopia
26181A

Trichromacy



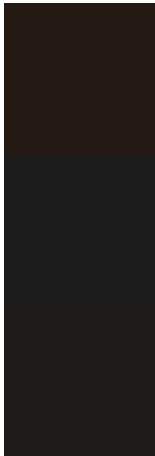
Original Color
251913

Protanomaly
211B14

Deuteranomaly
221A13

Tritanomaly
261817

Monochromacy



Original Color
251913

Achromatopsia
1C1C1C

Achromatomaly
1F1B19

CSS Examples

Text

The CSS property to change the color of the text to Hex 251913 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 #251913 looks like.

```
.text, #text, p{  
    color:#251913  
}
```

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 #251913 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #251913  
}
```

Border

The CSS property to change the border of an element to Hex 251913 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  
#251913 }
```

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

```
.border{ border-color:#251913 }
```

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

Here you see how a box with a 4 pixel #251913 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #251913; -webkit-box-shadow:4px 4px  
4px 4px #251913; box-shadow:4px 4px 4px  
4px #251913 }
```

Background

The CSS property to change the background color of an element to Hex 251913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#251913 }
```

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

```
.background{ background-color:#251913 }
```

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