

# Converting Colors

Hex(261212)

Have a look what the booklet for  
Hex(261212) contains.

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# Color

Hex(261212)

# Conversions

## Conversions Part 1

Format	Color
Hex	261212
RGB	38, 18, 18
RGB Percent	15%, 7%, 7%
CMY	0.8510, 0.9294, 0.9294
CMYK	0.00, 0.53, 0.53, 0.85
HSL	0°, 36%, 11%
HSV	0°, 53%, 15%
XYZ	1.1248, 0.8884, 0.6845
YIQ	23.9800, 11.9200, 4.2400

# Conversions

## Conversions Part 2

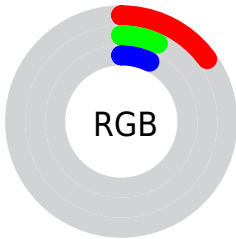
Format	Color
<a href="#">RYB</a>	<a href="#">38, 18, 18</a>
Decimal	<a href="#">2494994</a>
CIELab	<a href="#">8.02, 10.39, 4.05</a>
CIELCh	<a href="#">8, 11.148, 21.276</a>
Yxy	<a href="#">0.8884, 0.4170, 0.3293</a>
Android (android.graphics.Color)	<a href="#">4280685074 (0xFF261212)</a>
YUV	<a href="#">23.9800, -2.9481, 12.2955</a>
Hunter-Lab	<a href="#">9.4253, 4.8081, 2.2921</a>

# Details

The Hex color **261212** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **122626**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **543C3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **260E0E**, and if you desaturate by 10%, it is **261616**.

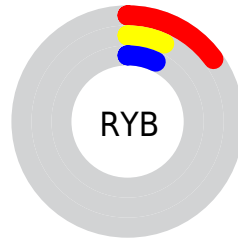
# Distribution



Red (15%)

Green (7%)

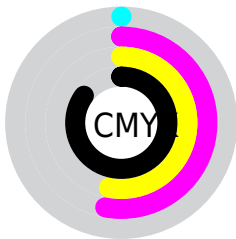
Blue (7%)



Red (15%)

Yellow (7%)

Blue (7%)

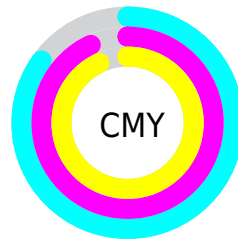


Cyan (0%)

Magenta (53%)

Yellow (53%)

Black (85%)



Cyan (85%)

Magenta (93%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 261212 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 261212 by changing the saturation by 10% instead.



 261212

 261212

 FFF2F2

 050000

 543C3C

 000000

 6C5353

 866C6C

 A08585

 BC9F9F

 D7BABA

 F4D6D5

 261212

 261212

■ 260E0E

■ 261616

■ 260A0A

■ 261A1A

■ 260707

■ 261D1D

■ 260303

■ 262121

■ 260000

■ 262525

■ 262929

■ 262D2D

■ 263030

■ 263434

# Harmonies

## Analogous

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



24121A



261212



241408

# Triad

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



261212



0E1B0C



091926

# Complementary

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



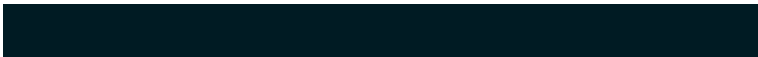
261212



122626

# 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.



001B23



261212



021C15

# Square

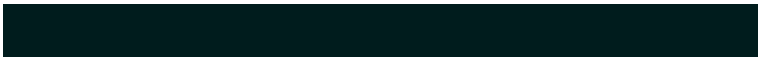
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



261212



181904



001C1D



151625

# Rectangle

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



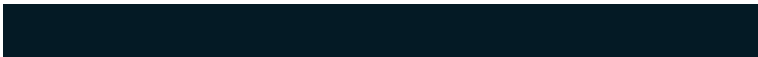
261212



211504



001C1D



041A25



# Sweetspot

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



261212



302929



261226



1A1515



999999



1A1A1A



# Same Dimension

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



261212



301212



261C12



121010



520000



D10000



# Inverse Universe

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



122626



123030



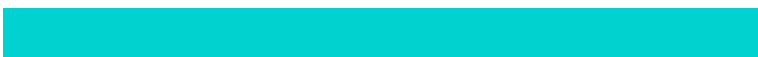
121C26



101212



005252

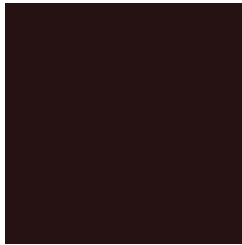


00D1D1



# Previews

## White Background



This preview shows how the Hex color 261212 looks on a white background.

## Color Contrast Check

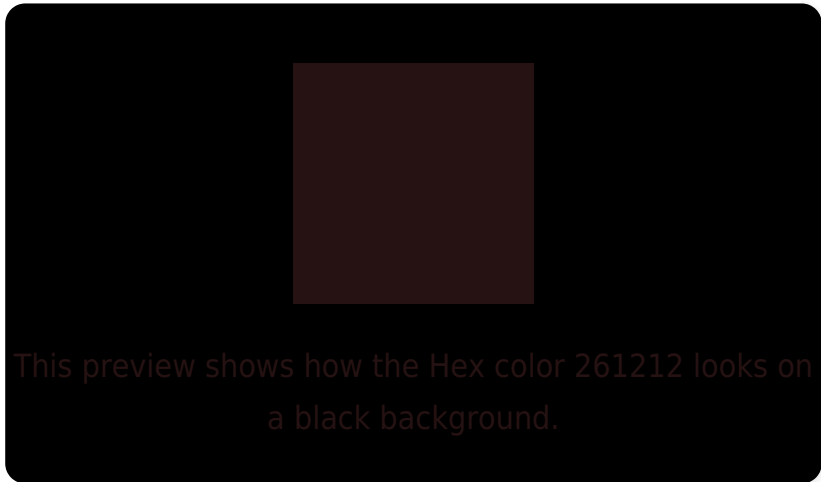
Large Text (above 18pt) WCAG AA ✓ Pass

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

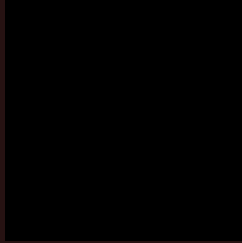
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 261212 Background



This preview shows how black text looks on a background with the Hex color 261212.

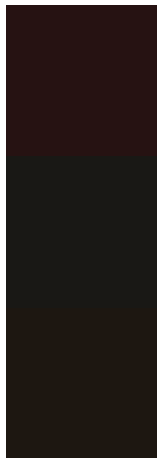


This preview shows how white text looks on a background with the Hex color 261212.

# 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**  
261212

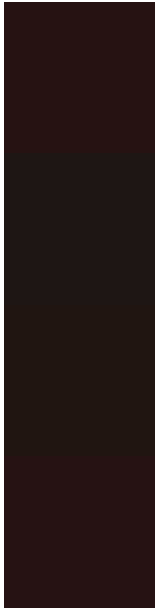
**Protanopia**  
191815

**Deuteranopia**  
1D1711



**Tritanopia**  
261213

# Trichromacy



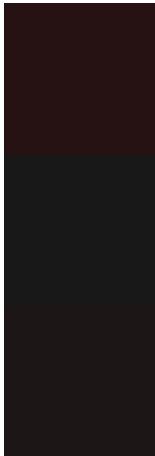
**Original Color**  
261212

**Protanomaly**  
1E1614

**Deuteranomaly**  
201511

**Tritanomaly**  
261213

# Monochromacy



**Original Color**  
261212

**Achromatopsia**  
181818

**Achromatomaly**  
1D1616

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 261212 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 #261212 looks like.

```
.text, #text, p{  
    color:#261212  
}
```

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 #261212 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #261212
}
```

## Border

The CSS property to change the border of an element to Hex 261212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

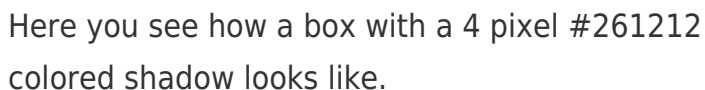
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#261212 }
```

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

```
.border{ border-color:#261212 }
```

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



Here you see how a box with a 4 pixel #261212 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #261212; -webkit-box-shadow:4px 4px  
4px 4px #261212; box-shadow:4px 4px 4px  
4px #261212 }
```

# Background

The CSS property to change the background color of an element to Hex 261212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#261212 }
```

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

```
.background{ background-color:#261212 }
```

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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