

# Converting Colors

Hex(231400)

Have a look what the booklet for  
Hex(231400) contains.

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# Color

**Hex(231400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	231400
RGB	35, 20, 0
RGB Percent	14%, 8%, 0%
CMY	0.8627, 0.9216, 1.0000
CMYK	0.00, 0.43, 1.00, 0.86
HSL	34°, 100%, 7%
HSV	34°, 100%, 14%
XYZ	0.9433, 0.8576, 0.1158
YIQ	22.2050, 15.3600, -3.0400

# Conversions

## Conversions Part 2

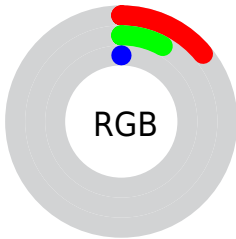
<b>Format</b>	<b>Color</b>
<b>RYB</b>	26, 35, 0
Decimal	2298880
CIELab	7.75, 5.09, 11.70
CIELCh	8, 12.760, 66.480
Yxy	0.8576, 0.4921, 0.4474
Android (android.graphics.Color)	4280488960 (0xFF231400)
YUV	22.2050, -10.9471, 11.2212
Hunter-Lab	9.2609, 1.9751, 5.7411

# Details

The Hex color **231400** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **000F23**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **4F3E30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **231400**, and if you desaturate by 10%, it is **231603**.

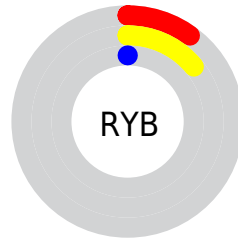
# Distribution



Red (14%)

Green (8%)

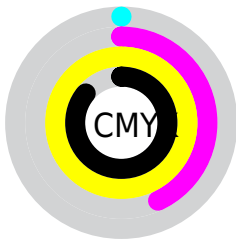
Blue (0%)



Red (10%)

Yellow (14%)

Blue (0%)

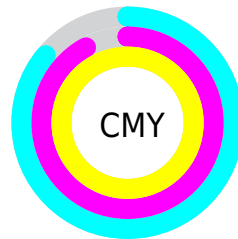


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (86%)



Cyan (86%)

Magenta (92%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 231400 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 231400 by changing the saturation by 10% instead.



 231400


 231400

 FFF4E2

 000000

 4F3E30

 685546

 816E5E

 9C8777

 B7A190

 D2BCAB

 EFD8C6

 231400

■ 231603

■ 231707

■ 23190B

■ 231A0E

■ 231C12

■ 231D15

■ 231F19

■ 23201C

■ 232220

# Harmonies

## Analogous

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



27110A



231400



1C1700

# Triad

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



231400



001C19



1A1425

# Complementary

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



231400



000F23

# Split Complementary

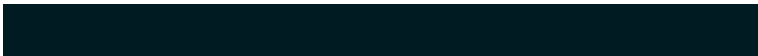
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0D1728



231400



001B21

# Square

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



231400



041B0F



001A26



23111E

# Rectangle

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



231400



161900



001A26



161526



# Sweetspot

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



231400



2E2820



23000F



17130F



969696



171717



# Same Dimension

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



231400



2E1A00



212300



121110



522F00



D17700



# Inverse Universe

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



000F23



00142E



020023



101112



002352

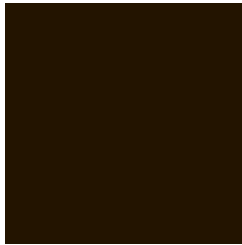


005AD1



# Previews

## White Background



This preview shows how the Hex color 231400 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

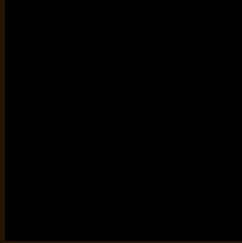
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 231400 Background



This preview shows how black text looks on a background with the Hex color 231400.

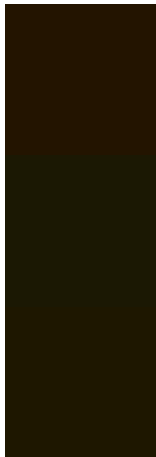


This preview shows how white text looks on a background with the Hex color 231400.

# 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**  
231400

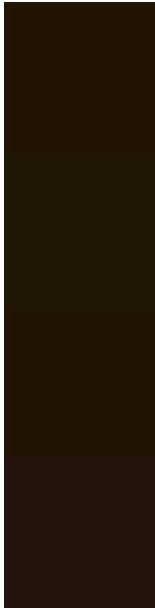
**Protanopia**  
1B1803

**Deuteranopia**  
1E1700



**Tritanopia**  
241314

# Trichromacy



**Original Color**  
231400

**Protanomaly**  
1E1702

**Deuteranomaly**  
201600

**Tritanomaly**  
24130D

# Monochromacy



**Original Color**  
231400

**Achromatopsia**  
161616

**Achromatomaly**  
1B150E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 231400 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 #231400 looks like.

```
.text, #text, p{  
    color:#231400  
}
```

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 #231400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #231400
}
```

## Border

The CSS property to change the border of an element to Hex 231400 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
#231400 }
```

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

```
.border{ border-color:#231400 }
```

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

Here you see how a box with a 4 pixel #231400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #231400; -webkit-box-shadow:4px 4px  
4px 4px #231400; box-shadow:4px 4px 4px  
4px #231400 }
```

# Background

The CSS property to change the background color of an element to Hex 231400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#231400 }
```

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

```
.background{ background-color:#231400 }
```

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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