

# Converting Colors

Hex(231600)

Have a look what the booklet for  
Hex(231600) contains.

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# Color

**Hex(231600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	231600
RGB	35, 22, 0
RGB Percent	14%, 9%, 0%
CMY	0.8627, 0.9137, 1.0000
CMYK	0.00, 0.37, 1.00, 0.86
HSL	38°, 100%, 7%
HSV	38°, 100%, 14%
XYZ	0.9800, 0.9311, 0.1281
YIQ	23.3790, 14.8100, -4.0860

# Conversions

## Conversions Part 2

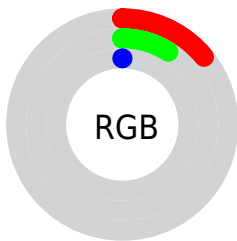
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 35, 0
Decimal	2299392
CIELab	8.40, 3.64, 12.66
CIELCh	8, 13.170, 73.967
Yxy	0.9311, 0.4806, 0.4566
Android (android.graphics.Color)	4280489472 (0xFF231600)
YUV	23.3790, -11.5258, 10.1916
Hunter-Lab	9.6496, 1.2423, 5.9678

# Details

The Hex color **231600** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **000D23**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **4F4030**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **231600**, and if you desaturate by 10%, it is **231703**.

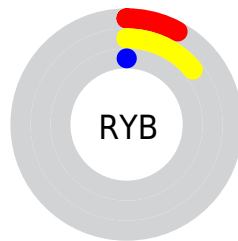
# Distribution



Red (14%)

Green (9%)

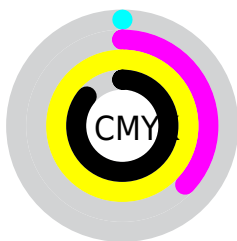
Blue (0%)



Red (8%)

Yellow (14%)

Blue (0%)

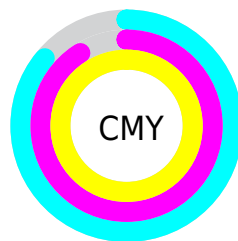


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (86%)



Cyan (86%)

Magenta (91%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 231600 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 231600 by changing the saturation by 10% instead.



 231600


 231600

 FFF7E2

 000000

 4F4030

 685846

 81705E

 9C8A77

 B7A490

 D2BFAB

 EFD6C6

 231600

■ 231703

■ 231907

■ 231A0B

■ 231B0E

■ 231D12

■ 231E15

■ 231F19

■ 23201C

■ 232220

# Harmonies

## Analogous

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



281309



231600



1B1900

# Triad

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



231600



001D1C



1E1425

# Complementary

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



231600



000D23

# Split Complementary

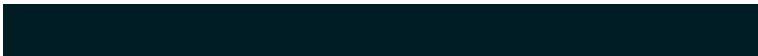
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



121829



231600



001C24

# Square

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



231600



021D13



011B29



26121D

# Rectangle

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



231600



151B04



011B29



1B1627



# Sweetspot

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



231600



2E2920



23000D



17140F



969696



171717



# Same Dimension

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



231600



2E1D00



1F2300



121110



523300



D18300



# Inverse Universe

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



000D23



00112E



040023



101112



001E52

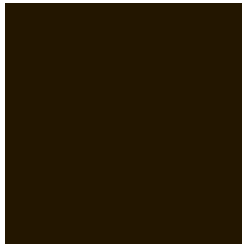


004ED1



# Previews

## White Background



This preview shows how the Hex color 231600 looks on a white background.

## Color Contrast Check

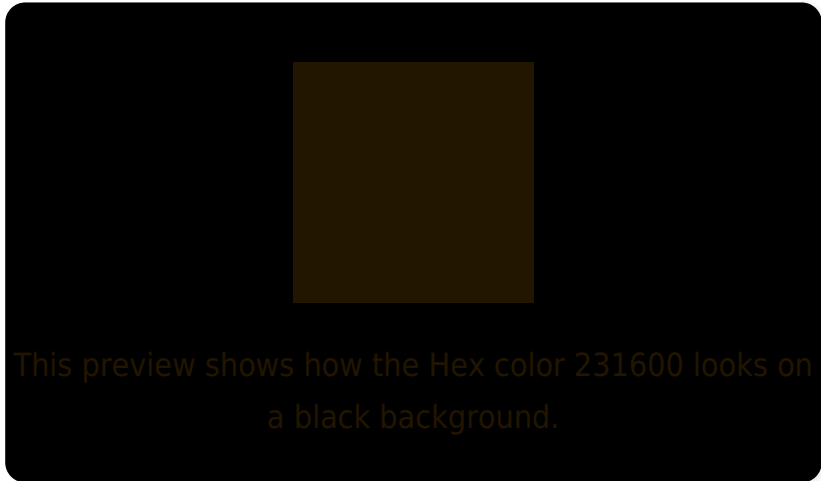
Large Text (above 18pt) WCAG AA ✓ Pass

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

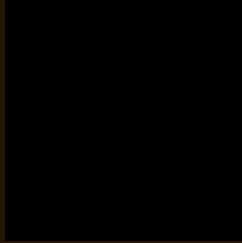
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 231600 Background



This preview shows how black text looks on a background with the Hex color 231600.

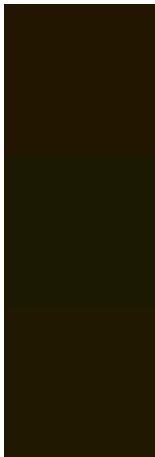


This preview shows how white text looks on a background with the Hex color 231600.

# 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**  
231600

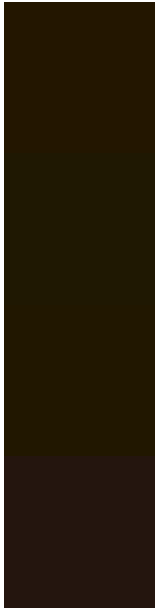
**Protanopia**  
1C1903

**Deuteranopia**  
201800



**Tritanopia**  
241416

# Trichromacy



**Original Color**  
231600

**Protanomaly**  
1F1802

**Deuteranomaly**  
211700

**Tritanomaly**  
24150E

# Monochromacy



**Original Color**  
231600

**Achromatopsia**  
171717

**Achromatomaly**  
1B170F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 231600 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 #231600 looks like.

```
.text, #text, p{  
    color:#231600  
}
```

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 #231600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #231600
}
```

## Border

The CSS property to change the border of an element to Hex 231600 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
#231600 }
```

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

```
.border{ border-color:#231600 }
```

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

Here you see how a box with a 4 pixel #231600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #231600; -webkit-box-shadow:4px 4px  
4px 4px #231600; box-shadow:4px 4px 4px  
4px #231600 }
```

# Background

The CSS property to change the background color of an element to Hex 231600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#231600 }
```

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

```
.background{ background-color:#231600 }
```

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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