

Converting Colors

Hex(230016)

Have a look what the booklet for
Hex(230016) contains.

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Color

Hex(230016)

Conversions

Conversions Part 1

Format	Color
Hex	230016
RGB	35, 0, 22
RGB Percent	14%, 0%, 9%
CMY	0.8627, 1.0000, 0.9137
CMYK	0.00, 1.00, 0.37, 0.86
HSL	322°, 100%, 7%
HSV	322°, 100%, 14%
XYZ	0.8380, 0.4153, 0.7950
YIQ	12.9730, 13.7980, 14.2620

Conversions

Conversions Part 2

Format	Color
R_{YB}	35, 0, 22
Decimal	2293782
CIE Lab	3.75, 18.16, -4.90
CIE LCh	4, 18.809, 344.885
Yxy	0.4153, 0.4091, 0.2027
Android (android.graphics.Color)	4280483862 (0xFF230016)
YUV	12.9730, 4.4503, 19.3177
Hunter-Lab	6.4440, 11.9345, -2.8042

Details

The Hex color **230016** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00230D**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **4F2E40**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **230016**, and if you desaturate by 10%, it is **230317**.

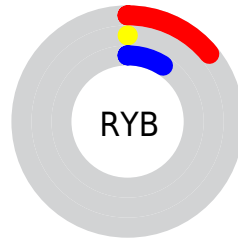
Distribution



Red (14%)

Green (0%)

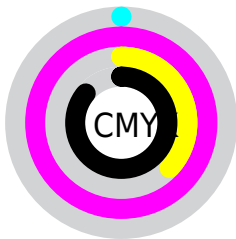
Blue (9%)



Red (14%)

Yellow (0%)

Blue (9%)

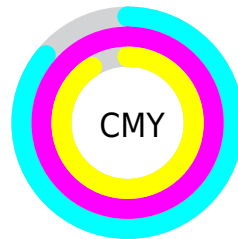


Cyan (0%)

Magenta (100%)

Yellow (37%)

Black (86%)



Cyan (86%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 230016 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 230016 by changing the saturation by 10% instead.

 230016


 230016

 FFE2F7

 000000

 4F2E40

 684558

 815D70

 9C7689

 B78FA4

 D3AABF

 EFC5DA

 230016

■ 230317

■ 230719

■ 230B1A

■ 230E1B

■ 23121D

■ 23151E

■ 23191F

■ 231C20

■ 232022

Harmonies

Analogous

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



190521



230016



270003

Triad

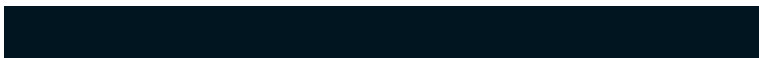
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230016



091000



001520

Complementary

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



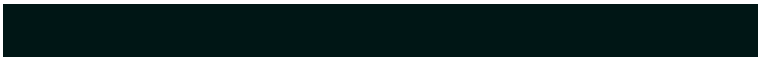
230016



00230D

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.



001615



230016



001400

Square

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



230016



1A0900



001601



001226

Rectangle

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



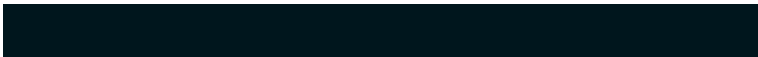
230016



250100



001601



00161D

Sweetspot

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



230016



2E2029



0D0023



170F14



969696



171717

Same Dimension

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



230016



2E001D



230005



121011



520033



D10083

Inverse Universe

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



230016



2E001D



00231E



121011



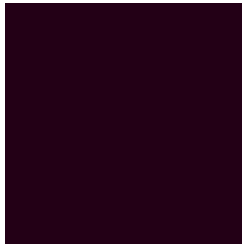
520033



D10083

Previews

White Background



This preview shows how the Hex color 230016 looks on a white background.

Color Contrast Check

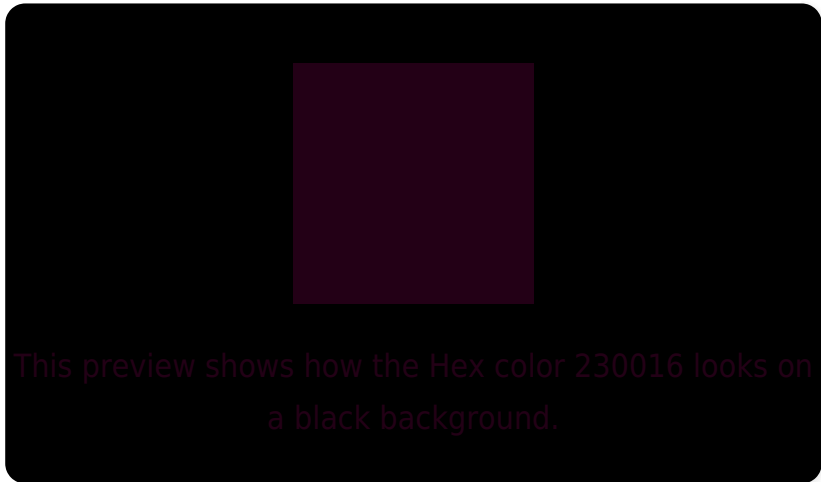
Large Text (above 18pt) WCAG AA ✓ Pass

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

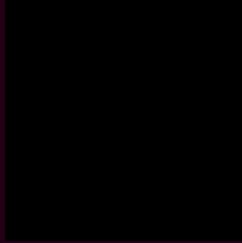
Any Text WCAG AA × Fail

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 230016 Background



This preview shows how black text looks on a background with the Hex color 230016.



This preview shows how white text looks on a background with the Hex color 230016.

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](#).

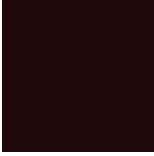
Dichromacy



Original Color
230016

Protanopia
0D1220

Deuteranopia
131214



Tritanopia
220909

Trichromacy



Original Color
230016

Protanomaly
150B1C

Deuteranomaly
190B15

Tritanomaly
22060E

Monochromacy



Original Color
230016

Achromatopsia
0D0D0D

Achromatomaly
150810

CSS Examples

Text

The CSS property to change the color of the text to Hex 230016 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 #230016 looks like.

```
.text, #text, p{  
    color:#230016  
}
```

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 #230016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #230016
}
```

Border

The CSS property to change the border of an element to Hex 230016 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
#230016 }
```

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

```
.border{ border-color:#230016 }
```

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

Here you see how a box with a 4 pixel #230016 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #230016; -webkit-box-shadow:4px 4px  
4px 4px #230016; box-shadow:4px 4px 4px  
4px #230016 }
```

Background

The CSS property to change the background color of an element to Hex 230016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#230016 }
```

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

```
.background{ background-color:#230016 }
```

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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