

Converting Colors

Hex(230C8C)

Have a look what the booklet for
Hex(230C8C) contains.

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Color

Hex(230C8C)

Conversions

Conversions Part 1

Format	Color
Hex	230C8C
RGB	35, 12, 140
RGB Percent	14%, 5%, 55%
CMY	0.8627, 0.9529, 0.4510
CMYK	0.75, 0.91, 0.00, 0.45
HSL	251°, 84%, 30%
HSV	251°, 91%, 55%
XYZ	5.5582, 2.5137, 25.0032
YIQ	33.4690, -27.3800, 44.6840

Conversions

Conversions Part 2

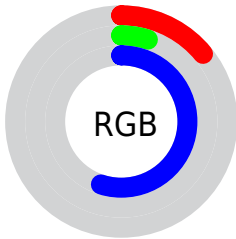
Format	Color
R_{YB}	35, 12, 140
Decimal	2296972
CIE _{Lab}	17.98, 47.61, -63.89
CIE _{LCh}	18, 79.674, 306.693
Yxy	2.5137, 0.1680, 0.0760
Android (android.graphics.Color)	4280487052 (0xFF230C8C)
YUV	33.4690, 52.5198, 1.3427
Hunter-Lab	15.8547, 34.8315, -82.4032

Details

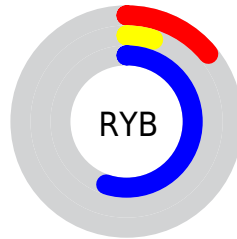
The Hex color **230C8C** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **758C0C**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **633EC3**, and **000058** is the 20% darker color. If you saturate the color by 10%, you get **19008C**, and if you desaturate by 10%, it is **2E1A8C**.

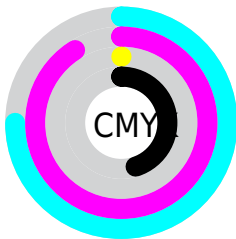
Distribution



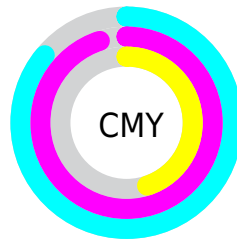
- Red (14%)
- Green (5%)
- Blue (55%)



- Red (14%)
- Yellow (5%)
- Blue (55%)



- Cyan (75%)
- Magenta (91%)
- Yellow (0%)
- Black (45%)



- Cyan (86%)
- Magenta (95%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 230C8C 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 230C8C by changing the saturation by 10% instead.

 230C8C

 230C8C

 FFFAFF

 000072

 633EC3

 000058

 8057DF

 000740

 9D70FC

 000329

 BA8BFF

 000113

 D8A6FF

 000000

 F6C1FF

 FFDDFF

 230C8C

 230C8C

■ 19008C

■ 2E1A8C

■ 3A288C

■ 45368C

■ 51448C

■ 5C528C

■ 68608C

■ 736E8C

■ 7F7C8C

■ 8A8A8C

Harmonies

Analogous

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



0034A4



230C8C



73005B

Triad

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



230C8C



591100



003E38

Complementary

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



230C8C



758C0C

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.



003D00



230C8C



2C2F00

Square

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



230C8C



790000



003800



004072

Rectangle

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



230C8C



830035



003800



003E24

Sweetspot

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



230C8C



8D84B5



0C778C



443E5C



DBDBDB



5C5C5C

Same Dimension

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



230C8C



2100B5



610C8C



3F3E45



180085



010005

Inverse Universe

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



8C0C75



B50095



378C0C



453E44



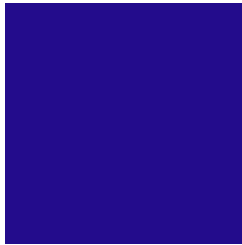
85006D



050004

Previews

White Background



This preview shows how the Hex color 230C8C looks on a white background.

Color Contrast Check

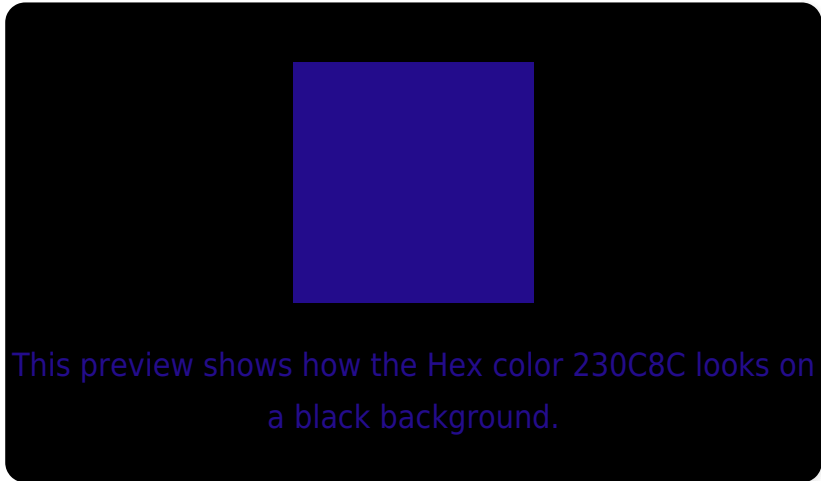
Large Text (above 18pt) WCAG AA ✓ Pass

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

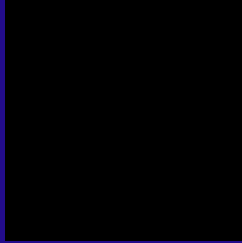
Any Text WCAG AA × Fail

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 230C8C Background



This preview shows how black text looks on a background with the Hex color 230C8C.



This preview shows how white text looks on a background with the Hex color 230C8C.

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
230C8C

Protanopia
002C5D

Deuteranopia
002F4F



Tritanopia
003336

Trichromacy



Original Color
230C8C

Protanomaly
0D206E

Deuteranomaly
0D2265

Tritanomaly
0D2555

Monochromacy



Original Color
230C8C

Achromatopsia
212121

Achromatomaly
221948

CSS Examples

Text

The CSS property to change the color of the text to Hex 230C8C 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 #230C8C looks like.

```
.text, #text, p{  
    color:#230C8C  
}
```

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 #230C8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #230C8C
}
```

Border

The CSS property to change the border of an element to Hex 230C8C 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".

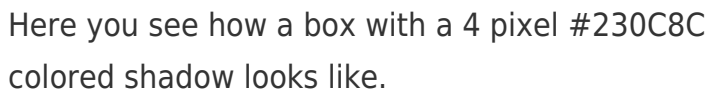
```
.border, #border, table{ border:4px solid
#230C8C }
```

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

```
.border{ border-color:#230C8C }
```

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

Here you see how a box with a 4 pixel #230C8C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #230C8C; -webkit-box-shadow:4px 4px  
4px 4px #230C8C; box-shadow:4px 4px 4px  
4px #230C8C }
```

Background

The CSS property to change the background color of an element to Hex 230C8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#230C8C }
```

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

```
.background{ background-color:#230C8C }
```

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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