

Converting Colors

Hex(230098)

Have a look what the booklet for
Hex(230098) contains.

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Color

Hex(230098)

Conversions

Conversions Part 1

Format	Color
Hex	230098
RGB	35, 0, 152
RGB Percent	14%, 0%, 60%
CMY	0.8627, 1.0000, 0.4039
CMYK	0.77, 1.00, 0.00, 0.40
HSL	254°, 100%, 30%
HSV	254°, 100%, 60%
XYZ	6.3606, 2.6243, 29.8771
YIQ	27.7930, -27.9320, 54.6920

Conversions

Conversions Part 2

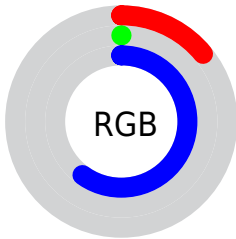
Format	Color
R_{YB}	35, 0, 152
Decimal	2293912
CIE _{Lab}	18.47, 54.41, -70.53
CIE _{LCh}	18, 89.079, 307.649
Yxy	2.6243, 0.1637, 0.0675
Android (android.graphics.Color)	4280483992 (0xFF230098)
YUV	27.7930, 61.2341, 6.3205
Hunter-Lab	16.1998, 41.7362, -98.0081

Details

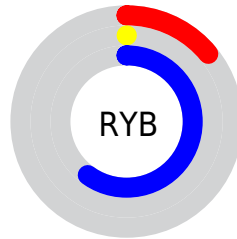
The Hex color **230098** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **759800**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **6739D0**, and **000063** is the 20% darker color. If you saturate the color by 10%, you get **230098**, and if you desaturate by 10%, it is **2F0F98**.

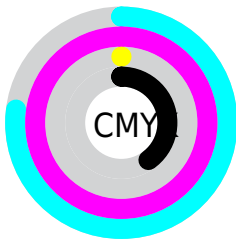
Distribution



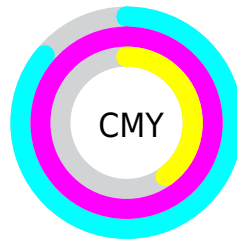
- Red (14%)
- Green (0%)
- Blue (60%)



- Red (14%)
- Yellow (0%)
- Blue (60%)



- Cyan (77%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (86%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 230098 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 230098 by changing the saturation by 10% instead.

 230098

 230098

 FFF7FF

 00007D

 6739D0

 000063

 8553ED

 00054A

 A26CFF

 000433

 C087FF

 00021D

 DEA2FF

 000000

 FCBEFF

 FFDAFF

 230098

■ 2F0F98

■ 3A1E98

■ 462E98

■ 523D98

■ 5E4C98

■ 695B98

■ 756A98

■ 817A98

■ 8C8998

Harmonies

Analogous

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



0036B5



230098



7E0060

Triad

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



230098



5D0E00



00403D

Complementary

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



230098



759800

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.



003F00



230098



293100

Square

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



230098



810000



003B00



00437E

Rectangle

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



230098



8F0036



003B00



003F26

Sweetspot

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



230098



9789C4



007798



484063



E3E3E3



636363

Same Dimension

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



230098



2D00C4



6D0098



47454D



20008C



03000D

Inverse Universe

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



980075



C40097



2B9800



4D454B



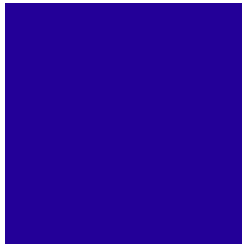
8C006C



0D000A

Previews

White Background



This preview shows how the Hex color 230098 looks on a white background.

Color Contrast Check

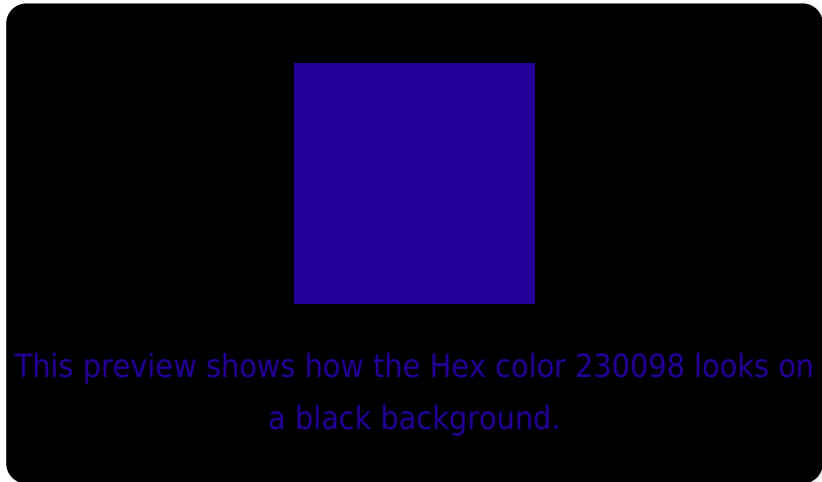
Large Text (above 18pt) WCAG AA ✓ Pass

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

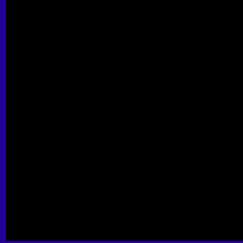
Any Text WCAG AA × Fail

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 230098 Background



This preview shows how black text looks on a background with the Hex color 230098.



This preview shows how white text looks on a background with the Hex color 230098.

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
230098

Protanopia
002F62

Deuteranopia
003253



Tritanopia
003639

Trichromacy



Original Color
230098

Protanomaly
0D1E76

Deuteranomaly
0D206C

Tritanomaly
0D225C

Monochromacy



Original Color
230098

Achromatopsia
1C1C1C

Achromatomaly
1F1249

CSS Examples

Text

The CSS property to change the color of the text to Hex 230098 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 #230098 looks like.

```
.text, #text, p{  
    color:#230098  
}
```

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 #230098 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #230098
}
```

Border

The CSS property to change the border of an element to Hex 230098 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
#230098 }
```

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

```
.border{ border-color:#230098 }
```

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

Here you see how a box with a 4 pixel #230098 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #230098; -webkit-box-shadow:4px 4px  
4px 4px #230098; box-shadow:4px 4px 4px  
4px #230098 }
```

Background

The CSS property to change the background color of an element to Hex 230098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#230098 }
```

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

```
.background{ background-color:#230098 }
```

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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