

Converting Colors

Hex(230189)

Have a look what the booklet for
Hex(230189) contains.

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Color

Hex(230189)

Conversions

Conversions Part 1

Format	Color
Hex	230189
RGB	35, 1, 137
RGB Percent	14%, 0%, 54%
CMY	0.8627, 0.9961, 0.4627
CMYK	0.74, 0.99, 0.00, 0.46
HSL	255°, 99%, 27%
HSV	255°, 99%, 54%
XYZ	5.2193, 2.1852, 23.8136
YIQ	26.6700, -23.3920, 49.5040

Conversions

Conversions Part 2

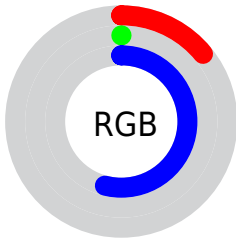
Format	Color
RYB	35, 1, 137
Decimal	2294153
CIELab	16.43, 50.26, -64.58
CIELCh	16, 81.837, 307.891
Yxy	2.1852, 0.1672, 0.0700
Android (android.graphics.Color)	4280484233 (0xFF230189)
YUV	26.6700, 54.3927, 7.3054
Hunter-Lab	14.7823, 37.1557, -85.1655

Details

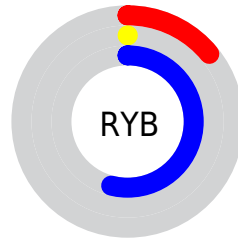
The Hex color **230189** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **678901**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **6338C0**, and **000056** is the 20% darker color. If you saturate the color by 10%, you get **220089**, and if you desaturate by 10%, it is **2D0F89**.

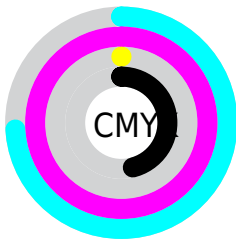
Distribution



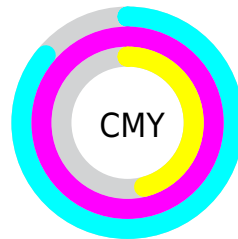
- Red (14%)
- Green (0%)
- Blue (54%)



- Red (14%)
- Yellow (0%)
- Blue (54%)



- Cyan (74%)
- Magenta (99%)
- Yellow (0%)
- Black (46%)



- Cyan (86%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 230189 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 230189 by changing the saturation by 10% instead.

 230189

 230189

 FFF4FF

 00006F

 6338C0

 000056

 8051DC

 00063D

 9D6AF9

 000326

 BA84FF

 00010F

 D89FFF

 000000

 F6BBFF

 FFD7FF

 230189

 230189

■ 220089

■ 2D0F89

■ 381C89

■ 422A89

■ 4C3889

■ 564689

■ 615389

■ 6B6189

■ 756F89

■ 7F7C89

Harmonies

Analogous

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



0030A3



230189



720056

Triad

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



230189



540E00



003A38

Complementary

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



230189



678901

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.



003900



230189



252C00

Square

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



230189



750000



003500



003D72

Rectangle

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



230189



810030



003500



003A23

Sweetspot

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



230189



8A7DB3



016789



413959



D9D9D9



595959

Same Dimension

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



230189



2D00B3



670189



403E45



210085



010005

Inverse Universe

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



890167



B30086



238901



453E43



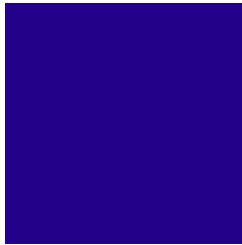
850063



050004

Previews

White Background



This preview shows how the Hex color 230189 looks on a white background.

Color Contrast Check

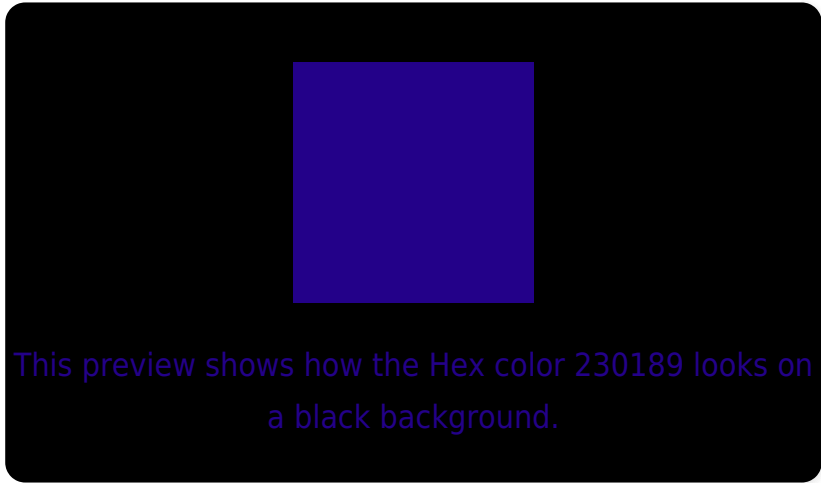
Large Text (above 18pt) WCAG AA ✓ Pass

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

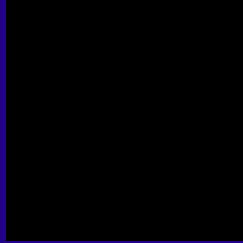
Any Text WCAG AA × Fail

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 230189 Background



This preview shows how black text looks on a background with the Hex color 230189.



This preview shows how white text looks on a background with the Hex color 230189.

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
230189

Protanopia
002B5A

Deuteranopia
002E4C

Trichromacy



Original Color
230189

Protanomaly
0D1C6B

Deuteranomaly
0D1E62

Tritanomaly
0D2053

Monochromacy



Original Color
230189

Achromatopsia
1B1B1B

Achromatomaly
1E1243

CSS Examples

Text

The CSS property to change the color of the text to Hex 230189 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 #230189 looks like.

```
.text, #text, p{  
    color:#230189  
}
```

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 #230189 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #230189
}
```

Border

The CSS property to change the border of an element to Hex 230189 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
#230189 }
```

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

```
.border{ border-color:#230189 }
```

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

Here you see how a box with a 4 pixel #230189 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #230189; -webkit-box-shadow:4px 4px  
4px 4px #230189; box-shadow:4px 4px 4px  
4px #230189 }
```

Background

The CSS property to change the background color of an element to Hex 230189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#230189 }
```

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

```
.background{ background-color:#230189 }
```

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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