

Converting Colors

Hex(230072)

Have a look what the booklet for
Hex(230072) contains.

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Color

Hex(230072)

Conversions

Conversions Part 1

Format	Color
Hex	230072
RGB	35, 0, 114
RGB Percent	14%, 0%, 45%
CMY	0.8627, 1.0000, 0.5529
CMYK	0.69, 1.00, 0.00, 0.55
HSL	258°, 100%, 22%
HSV	258°, 100%, 45%
XYZ	3.7304, 1.5722, 16.0264
YIQ	23.4610, -15.7340, 42.8740

Conversions

Conversions Part 2

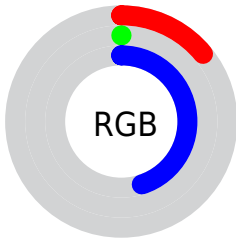
Format	Color
RYB	35, 0, 114
Decimal	2293874
CIELab	13.06, 44.66, -55.49
CIElCh	13, 71.233, 308.826
Yxy	1.5722, 0.1749, 0.0737
Android (android.graphics.Color)	4280483954 (0xFF230072)
YUV	23.4610, 44.6357, 10.1197
Hunter-Lab	12.5389, 31.1620, -67.0038

Details

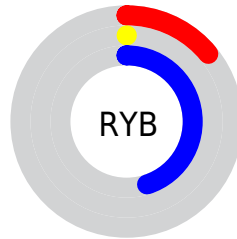
The Hex color **230072** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4F7200**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **5E33A7**, and **000040** is the 20% darker color. If you saturate the color by 10%, you get **230072**, and if you desaturate by 10%, it is **2B0B72**.

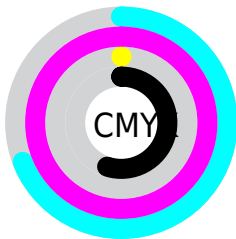
Distribution



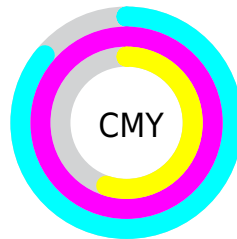
- Red (14%)
- Green (0%)
- Blue (45%)



- Red (14%)
- Yellow (0%)
- Blue (45%)



- Cyan (69%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (86%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 230072 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 230072 by changing the saturation by 10% instead.

 230072

 230072

 FFEDFF

 000059

 5E33A7

 000040

 7A4CC3

 000329

 9665DF

 000113

 B27FFC

 000000

 CF99FF

 ECB5FF

 FFD1FF

 230072

■ 2B0B72

■ 331772

■ 3B2272

■ 432E72

■ 4B3972

■ 524472

■ 5A5072

■ 625B72

■ 6A6772

Harmonies

Analogous

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



002889



230072



610047

Triad

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



230072



460D00



003130

Complementary

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



230072



4F7200

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.



003000



230072



1E2500

Square

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



230072



620000



002D00



003461

Rectangle

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



230072



6D0026



002D00



00311F

Sweetspot

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



230072



756894



005072



382F4A



C9C9C9



4A4A4A

Same Dimension

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



230072



2D0094



5B0072



343238



250078



4C00F7

Inverse Universe

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



72004F



940066



177200



383236



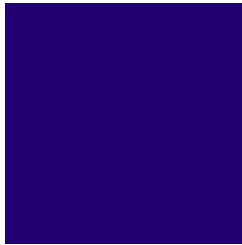
780053



F700AB

Previews

White Background



This preview shows how the Hex color 230072 looks on a white background.

Color Contrast Check

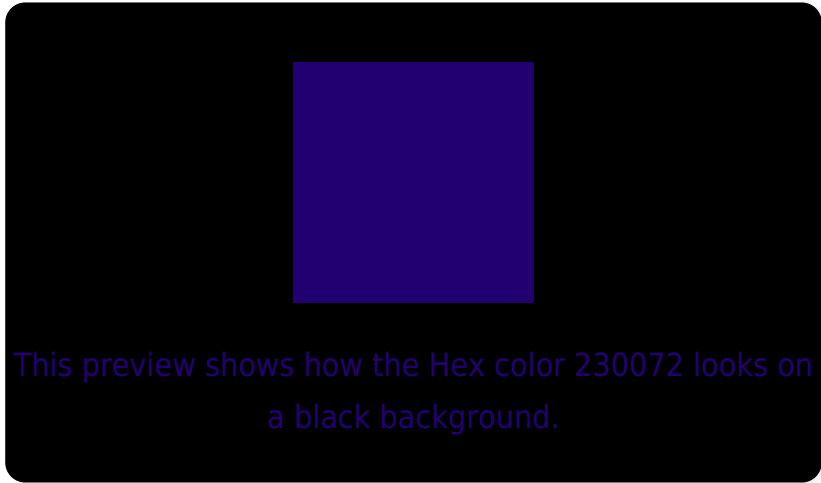
Large Text (above 18pt) WCAG AA ✓ Pass

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

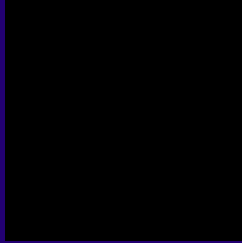
Any Text WCAG AA × Fail

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 230072 Background



This preview shows how black text looks on a background with the Hex color 230072.



This preview shows how white text looks on a background with the Hex color 230072.

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
230072

Protanopia
00254D

Deuteranopia
002741

Trichromacy



Original Color
230072

Protanomaly
0D185A

Deuteranomaly
0D1953

Tritanomaly
0D1B46

Monochromacy



Original Color
230072

Achromatopsia
171717

Achromatomaly
1B0F38

CSS Examples

Text

The CSS property to change the color of the text to Hex 230072 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 #230072 looks like.

```
.text, #text, p{  
    color:#230072  
}
```

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 #230072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #230072
}
```

Border

The CSS property to change the border of an element to Hex 230072 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
#230072 }
```

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

```
.border{ border-color:#230072 }
```

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

Here you see how a box with a 4 pixel #230072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #230072; -webkit-box-shadow:4px 4px  
4px 4px #230072; box-shadow:4px 4px 4px  
4px #230072 }
```

Background

The CSS property to change the background color of an element to Hex 230072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#230072 }
```

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

```
.background{ background-color:#230072 }
```

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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