

Converting Colors

Hex(230C4F)

Have a look what the booklet for
Hex(230C4F) contains.

Hex(230C4F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(230C4F)

Conversions

Conversions Part 1

Format	Color
Hex	230C4F
RGB	35, 12, 79
RGB Percent	14%, 5%, 31%
CMY	0.8627, 0.9529, 0.6902
CMYK	0.56, 0.85, 0.00, 0.69
HSL	261°, 74%, 18%
HSV	261°, 85%, 31%
XYZ	2.2359, 1.1848, 7.5080
YIQ	26.5150, -7.7990, 25.7130

Conversions

Conversions Part 2

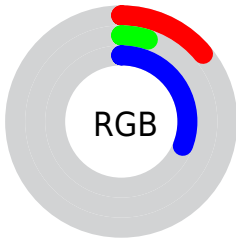
Format	Color
RYB	35, 12, 79
Decimal	2296911
CIELab	10.44, 29.28, -36.42
CIElCh	10, 46.730, 308.798
Yxy	1.1848, 0.2046, 0.1084
Android (android.graphics.Color)	4280486991 (0xFF230C4F)
YUV	26.5150, 25.8751, 7.4413
Hunter-Lab	10.8848, 17.6182, -33.2771




Details

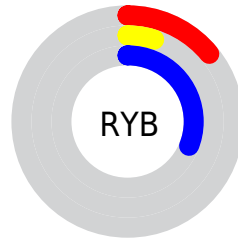
The Hex color **230C4F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **384F0C**, and the grayscale version is **1A1A1A**.




A 20% lighter version of the original color is **553981**, and **000221** is the 20% darker color. If you saturate the color by 10%, you get **1E044F**, and if you desaturate by 10%, it is **28144F**.

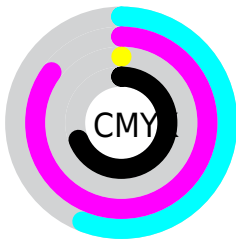
Distribution







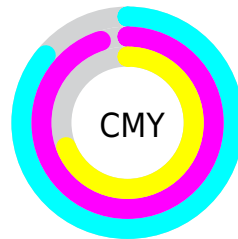
-  Red (14%)
-  Green (5%)
-  Blue (31%)






-  Red (14%)
-  Yellow (5%)
-  Blue (31%)



-  Cyan (56%)
-  Magenta (85%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (86%)
-  Magenta (95%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 230C4F 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 230C4F by changing the saturation by 10% instead.


 230C4F

 230C4F

 FFF0FF

 110038

 553981

 000221

 6F509B

 000007

 8A69B6

 000000

 A582D2

 C19CEF

 DDB7FF

 FAD3FF

 230C4F

 230C4F

■ 1E044F

■ 28144F

■ 1B004F

■ 2D1C4F

■ 33244F

■ 382C4F

■ 3D344F

■ 423B4F

■ 47434F

■ 4D4B4F

■ 52534F

Harmonies

Analogous

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



001F5D



230C4F



460034

Triad

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



230C4F



361100



002A25

Complementary

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



230C4F



384F0C

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.



002900



230C4F



1C1E00

Square

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



230C4F



480000



002500



002944

Rectangle

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



230C4F



4F001F



002500



002A1A

Sweetspot

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



230C4F



554D66



0C394F



292433



B3B3B3



333333

Same Dimension

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



230C4F



230066



440C4F



242226



4F00E6

Inverse Universe

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



4F0C38



660043



174F0C



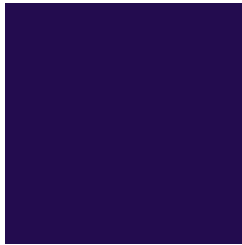
262225



E60097

Previews

White Background



This preview shows how the Hex color 230C4F looks on a white background.

Color Contrast Check

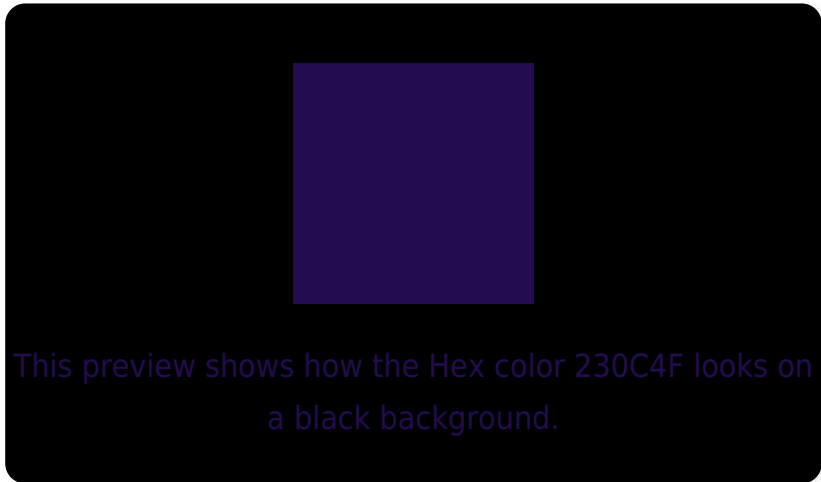
Large Text (above 18pt) WCAG AA ✓ Pass

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

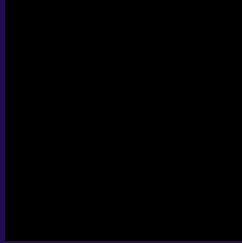
Any Text WCAG AA × Fail

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 230C4F Background



This preview shows how black text looks on a background with the Hex color 230C4F.



This preview shows how white text looks on a background with the Hex color 230C4F.

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
230C4F

Protanopia
001D3D

Deuteranopia
001F34

Trichromacy



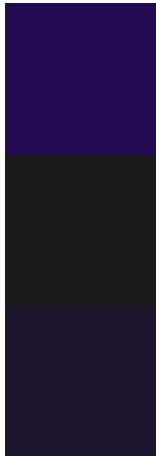
Original Color
230C4F

Protanomaly
0D1744

Deuteranomaly
0D183E

Tritanomaly
191933

Monochromacy



Original Color
230C4F

Achromatopsia
1B1B1B

Achromatomaly
1E162E

CSS Examples

Text

The CSS property to change the color of the text to Hex 230C4F 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 #230C4F looks like.

```
.text, #text, p{  
    color:#230C4F  
}
```

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 #230C4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #230C4F
}
```

Border

The CSS property to change the border of an element to Hex 230C4F 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
#230C4F }
```

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

```
.border{ border-color:#230C4F }
```

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

Here you see how a box with a 4 pixel #230C4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #230C4F; -webkit-box-shadow:4px 4px  
4px 4px #230C4F; box-shadow:4px 4px 4px  
4px #230C4F }
```

Background

The CSS property to change the background color of an element to Hex 230C4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#230C4F }
```

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

```
.background{ background-color:#230C4F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor