

Converting Colors

Hex(230533)

Have a look what the booklet for
Hex(230533) contains.

Hex(230533)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(230533)

Conversions

Conversions Part 1

Format	Color
Hex	230533
RGB	35, 5, 51
RGB Percent	14%, 2%, 20%
CMY	0.8627, 0.9804, 0.8000
CMYK	0.31, 0.90, 0.00, 0.80
HSL	279°, 82%, 11%
HSV	279°, 90%, 20%
XYZ	1.3449, 0.7049, 3.1971
YIQ	19.2140, 3.1140, 20.6660

Conversions

Conversions Part 2

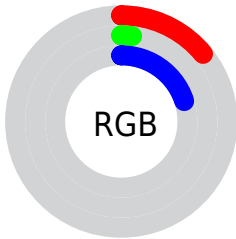
Format	Color
R_{YB}	35, 5, 51
Decimal	2295091
CIE Lab	6.37, 24.53, -23.14
CIE LCh	6, 33.718, 316.669
Yxy	0.7049, 0.2563, 0.1343
Android (android.graphics.Color)	4280485171 (0xFF230533)
YUV	19.2140, 15.6705, 13.8443
Hunter-Lab	8.3957, 13.9022, -16.7009

Details

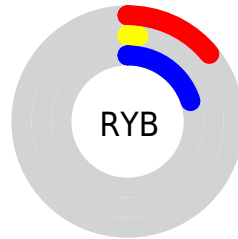
The Hex color **230533** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **153305**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **523162**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **210033**, and if you desaturate by 10%, it is **250A33**.

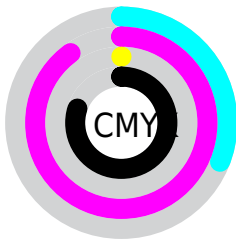
Distribution



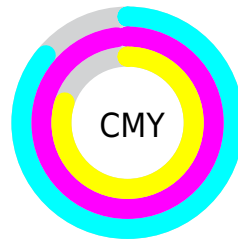
- Red (14%)
- Green (2%)
- Blue (20%)



- Red (14%)
- Yellow (2%)
- Blue (20%)



- Cyan (31%)
- Magenta (90%)
- Yellow (0%)
- Black (80%)



- Cyan (86%)
- Magenta (98%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 230533 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 230533 by changing the saturation by 10% instead.

 230533

 230533

 FFE6FF

 03001E

 523162

 000000

 6B487B

 846095

 9F7AB0

 BA94CB

 D6AEE7

 F3CAFF

 230533

 230533

■ 210033

■ 250A33

■ 270F33

■ 281433

■ 2A1933

■ 2C1E33

■ 2E2433

■ 2F2933

■ 312E33

■ 333333

Harmonies

Analogous

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



00133F



230533



35001F

Triad

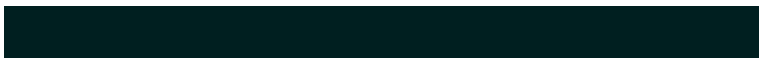
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230533



230F00



001F20

Complementary

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



230533



153305

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.



001E03



230533



0B1800

Square

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



230533



310200



001D00



001F34

Rectangle

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



230533



39000F



001D00



001F19

Sweetspot

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



230533



3C3042



051533



1D1721



A1A1A1



212121

Same Dimension

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



230533



2B0042



33052C



19171A



3A0059



8D00D9

Inverse Universe

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



330515



420017



05330C



1A1718



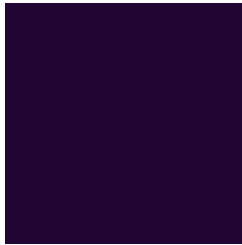
59001F



D9004B

Previews

White Background



This preview shows how the Hex color 230533 looks on a white background.

Color Contrast Check

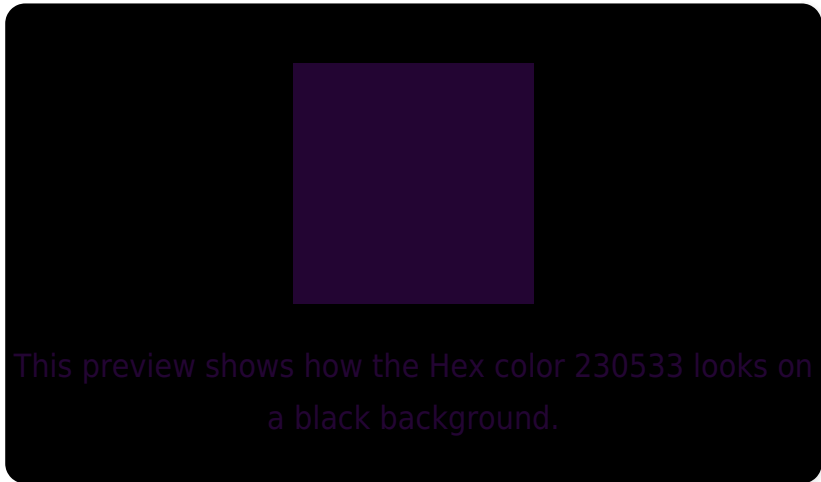
Large Text (above 18pt) WCAG AA ✓ Pass

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

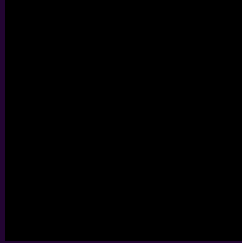
Any Text WCAG AA × Fail

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 230533 Background



This preview shows how black text looks on a background with the Hex color 230533.



This preview shows how white text looks on a background with the Hex color 230533.

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](#).

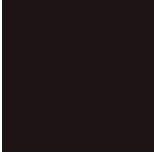
Dichromacy



Original Color
230533

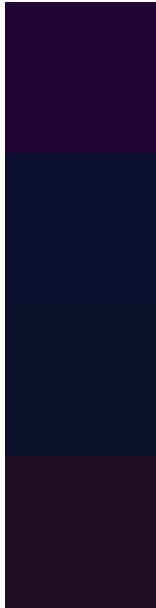
Protanopia
00162F

Deuteranopia
001829



Tritanopia
1E1416

Trichromacy



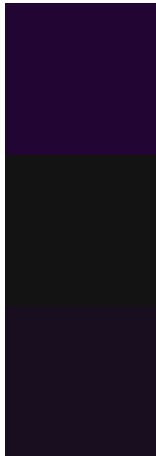
Original Color
230533

Protanomaly
0D1030

Deuteranomaly
0D112D

Tritanomaly
200F21

Monochromacy



Original Color
230533

Achromatopsia
131313

Achromatomaly
190E1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 230533 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 #230533 looks like.

```
.text, #text, p{  
    color:#230533  
}
```

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 #230533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #230533
}
```

Border

The CSS property to change the border of an element to Hex 230533 is called "border". The border property can be set on classes, ids or directly on the HTML element.

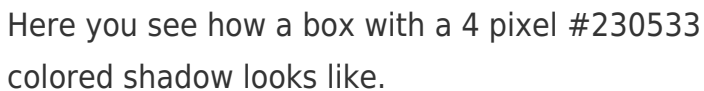
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#230533 }
```

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

```
.border{ border-color:#230533 }
```

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



Here you see how a box with a 4 pixel #230533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #230533; -webkit-box-shadow:4px 4px  
4px 4px #230533; box-shadow:4px 4px 4px  
4px #230533 }
```

Background

The CSS property to change the background color of an element to Hex 230533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#230533 }
```

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

```
.background{ background-color:#230533 }
```

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