

Converting Colors

Hex(230B34)

Have a look what the booklet for
Hex(230B34) contains.

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Color

Hex(230B34)

Conversions

Conversions Part 1

Format	Color
Hex	230B34
RGB	35, 11, 52
RGB Percent	14%, 4%, 20%
CMY	0.8627, 0.9569, 0.7961
CMYK	0.33, 0.79, 0.00, 0.80
HSL	275°, 65%, 12%
HSV	275°, 79%, 20%
XYZ	1.4326, 0.8446, 3.3363
YIQ	22.8500, 1.1430, 17.8390

Conversions

Conversions Part 2

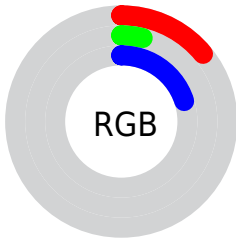
Format	Color
RYB	35, 11, 52
Decimal	2296628
CIELab	7.63, 21.66, -21.84
CIELCh	8, 30.763, 314.757
Yxy	0.8446, 0.2552, 0.1505
Android (android.graphics.Color)	4280486708 (0xFF230B34)
YUV	22.8500, 14.3709, 10.6555
Hunter-Lab	9.1902, 11.7430, -15.0909

Details

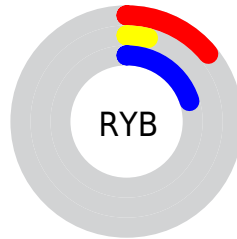
The Hex color **230B34** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1C340B**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **523663**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **210634**, and if you desaturate by 10%, it is **251034**.

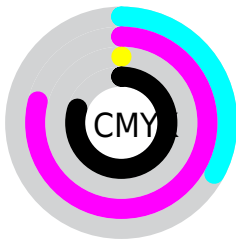
Distribution



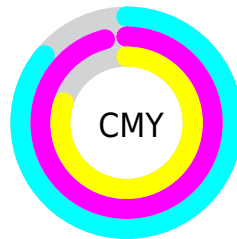
- Red (14%)
- Green (4%)
- Blue (20%)



- Red (14%)
- Yellow (4%)
- Blue (20%)



- Cyan (33%)
- Magenta (79%)
- Yellow (0%)
- Black (80%)



- Cyan (86%)
- Magenta (96%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 230B34 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 230B34 by changing the saturation by 10% instead.


 230B34

 230B34

 FFECFF

 09001F

 523663

 000001

 6A4D7C

 000000

 846696

 9E7FB1

 BA99CC

 D5B4E9

 F2CFFF

 230B34

 230B34

■ 210634

■ 251034

■ 1F0134

■ 271534

■ 1E0034

■ 291B34

■ 2C2034

■ 2E2534

■ 302A34

■ 322F34

■ 343534

■ 363A34

Harmonies

Analogous

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



00163F



230B34



350022

Triad

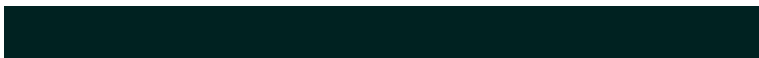
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230B34



261200



002220

Complementary

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



230B34



1C340B

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.



002107



230B34



141900

Square

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



230B34



330600



001E00



002033

Rectangle

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



230B34



390014



001E00



002219

Sweetspot

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



230B34



3E3445



0B1C34



1F1924



A3A3A3



242424

Same Dimension

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



230B34



2A0345



340B31



18171A



340059



7F00D9

Inverse Universe

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



340B1C



45031F



0B340E



1A1718



590025



D9005A

Previews

White Background



This preview shows how the Hex color 230B34 looks on a white background.

Color Contrast Check

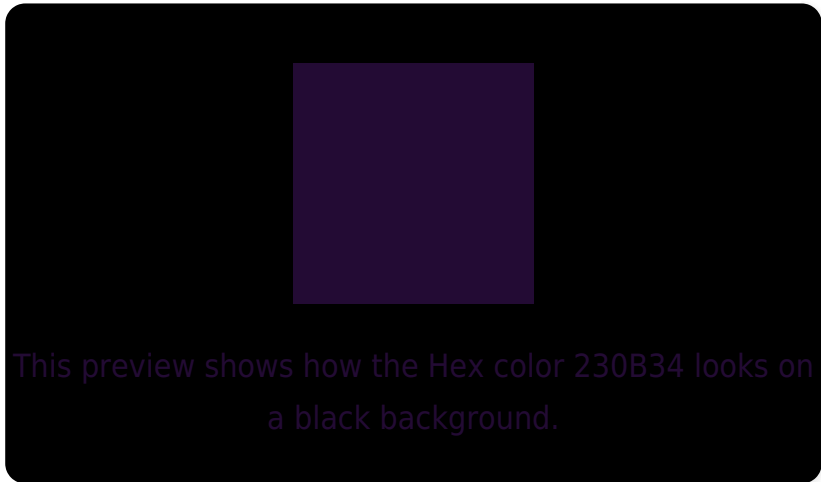
Large Text (above 18pt) WCAG AA ✓ Pass

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

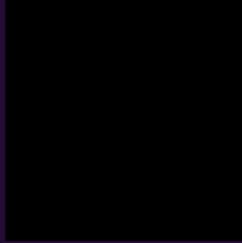
Any Text WCAG AA × Fail

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 230B34 Background



This preview shows how black text looks on a background with the Hex color 230B34.



This preview shows how white text looks on a background with the Hex color 230B34.

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
230B34

Deuteranopia
00192B

Tritanopia
1E1618

Trichromacy

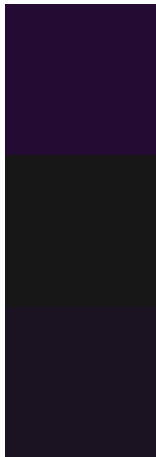


Original Color
230B34

Deuteranomaly
0D142E

Tritanomaly
201222

Monochromacy



Original Color
230B34

Achromatopsia
171717

Achromatomaly
1B1322

CSS Examples

Text

The CSS property to change the color of the text to Hex 230B34 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 #230B34 looks like.

```
.text, #text, p{  
    color:#230B34  
}
```

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 #230B34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #230B34
}
```

Border

The CSS property to change the border of an element to Hex 230B34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

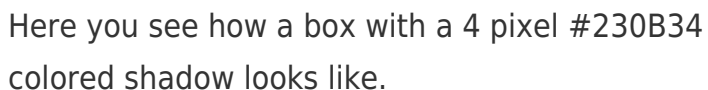
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#230B34 }
```

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

```
.border{ border-color:#230B34 }
```

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



Here you see how a box with a 4 pixel #230B34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #230B34; -webkit-box-shadow:4px 4px  
4px 4px #230B34; box-shadow:4px 4px 4px  
4px #230B34 }
```

Background

The CSS property to change the background color of an element to Hex 230B34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#230B34 }
```

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

```
.background{ background-color:#230B34 }
```

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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