

Converting Colors

Hex(231C64)

Have a look what the booklet for
Hex(231C64) contains.

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Color

Hex(231C64)

Conversions

Conversions Part 1

Format	Color
Hex	231C64
RGB	35, 28, 100
RGB Percent	14%, 11%, 39%
CMY	0.8627, 0.8902, 0.6078
CMYK	0.65, 0.72, 0.00, 0.61
HSL	246°, 56%, 25%
HSV	246°, 72%, 39%
XYZ	3.4086, 2.1079, 12.2838
YIQ	38.3010, -18.9400, 23.8760

Conversions

Conversions Part 2

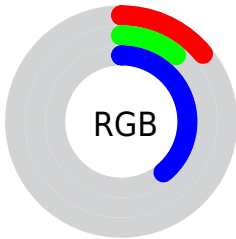
Format	Color
R_{YB}	35, 28, 100
Decimal	2301028
CIE _{Lab}	16.04, 26.77, -41.39
CIE _{LCh}	16, 49.292, 302.889
Yxy	2.1079, 0.1915, 0.1184
Android (android.graphics.Color)	4280491108 (0xFF231C64)
YUV	38.3010, 30.4176, -2.8950
Hunter-Lab	14.5187, 16.4997, -40.0002

Details

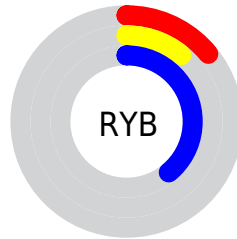
The Hex color **231C64** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5D641C**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **584898**, and **000034** is the 20% darker color. If you saturate the color by 10%, you get **1A1264**, and if you desaturate by 10%, it is **2C2664**.

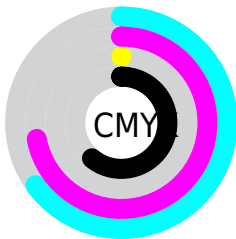
Distribution



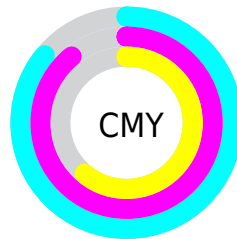
- Red (14%)
- Green (11%)
- Blue (39%)



- Red (14%)
- Yellow (11%)
- Blue (39%)



- Cyan (65%)
- Magenta (72%)
- Yellow (0%)
- Black (61%)



- Cyan (86%)
- Magenta (89%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 231C64 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 231C64 by changing the saturation by 10% instead.



231C64



231C64

FFFFFF



01074C



584898



000034



7360B3



00021E



8E79CF



000000



A993EB



C5AEFF



E2C9FF



FFE6FF



231C64



231C64

■ 1A1264

■ 2C2664

■ 110864

■ 353064

■ 0A0064

■ 3E3A64

■ 474464

■ 504E64

■ 595864

■ 626264

■ 6B6C64

■ 747664

Harmonies

Analogous

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



002C70



231C64



520049

Triad

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



231C64



4B1800



00352B

Complementary

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



231C64



5D641C

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.



003300



231C64



302800

Square

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



231C64



5D0000



053000



00354E

Rectangle

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



231C64



5E0032



053000



00351E

Sweetspot

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



231C64



686582



1C5E64



333142



C2C2C2



424242

Same Dimension

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



231C64



1D1282



461C64



2E2E33



0B0073



1800F2

Inverse Universe

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



641C5D



821277



3A641C



332E33



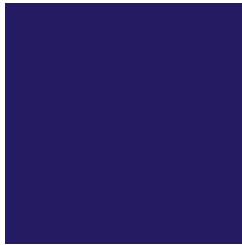
730068



F200DB

Previews

White Background



This preview shows how the Hex color 231C64 looks on a white background.

Color Contrast Check

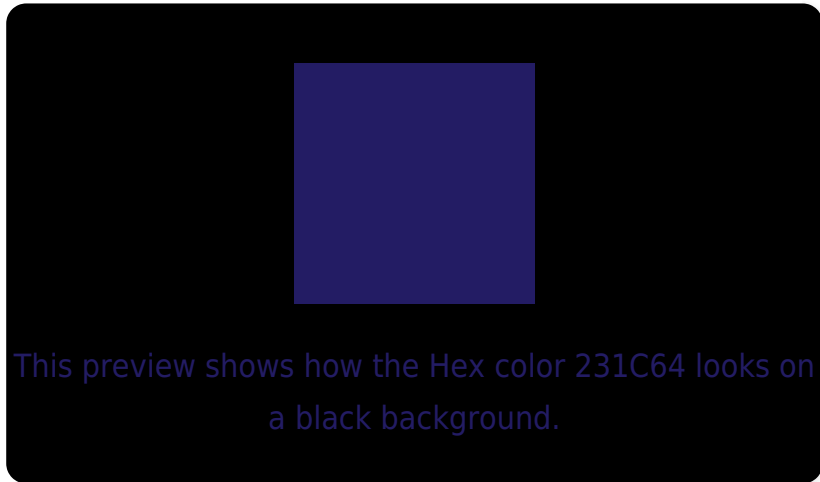
Large Text (above 18pt) WCAG AA ✓ Pass

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

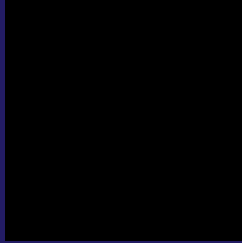
Any Text WCAG AA × Fail

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 231C64 Background



This preview shows how black text looks on a background with the Hex color 231C64.



This preview shows how white text looks on a background with the Hex color 231C64.

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
231C64

Deuteranopia
002A47

Tritanopia
002D30

Trichromacy



Original Color
231C64

Deuteranomaly
0D2552

Tritanomaly
0D2743

Monochromacy



Original Color
231C64

Achromatopsia
262626

Achromatomaly
25223D

CSS Examples

Text

The CSS property to change the color of the text to Hex 231C64 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 #231C64 looks like.

```
.text, #text, p{  
    color:#231C64  
}
```

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 #231C64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #231C64
}
```

Border

The CSS property to change the border of an element to Hex 231C64 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
#231C64 }
```

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

```
.border{ border-color:#231C64 }
```

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

Here you see how a box with a 4 pixel #231C64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #231C64; -webkit-box-shadow:4px 4px  
4px 4px #231C64; box-shadow:4px 4px 4px  
4px #231C64 }
```

Background

The CSS property to change the background color of an element to Hex 231C64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#231C64 }
```

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

```
.background{ background-color:#231C64 }
```

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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