

Converting Colors

Hex(231326)

Have a look what the booklet for
Hex(231326) contains.

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Color

Hex(231326)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 231326 |
| RGB | 35, 19, 38 |
| RGB Percent | 14%, 7%, 15% |
| CMY | 0.8627, 0.9255, 0.8510 |
| CMYK | 0.08, 0.50, 0.00, 0.85 |
| HSL | 291°, 33%, 11% |
| HSV | 291°, 50%, 15% |
| XYZ | 1.2759, 0.9630, 1.9524 |
| YIQ | 25.9500, 3.4370, 9.3010 |

Conversions

Conversions Part 2

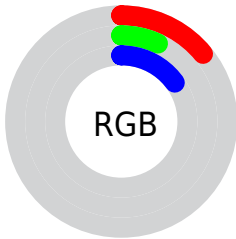
| Format | Color |
|-------------------------------------|----------------------------|
| R_YB | 35, 19, 38 |
| Decimal | 2298662 |
| CIE Lab | 8.68, 12.45, -9.80 |
| CIE LCh | 9, 15.845, 321.807 |
| Yxy | 0.9630, 0.3044, 0.2298 |
| Android (android.graphics.Color) | 4280488742 (0xFF231326) |
| YUV | 25.9500, 5.9407, 7.9369 |
| Hunter-Lab | 9.8133, 6.0341, -4.9264 |

Details

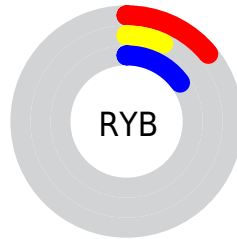
The Hex color **231326** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **162613**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **503D53**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **220F26**, and if you desaturate by 10%, it is **241726**.

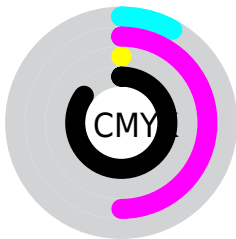
Distribution



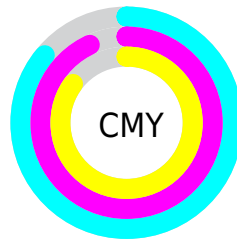
- Red (14%)
- Green (7%)
- Blue (15%)



- Red (14%)
- Yellow (7%)
- Blue (15%)



- Cyan (8%)
- Magenta (50%)
- Yellow (0%)
- Black (85%)



- Cyan (86%)
- Magenta (93%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 231326 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 231326 by changing the saturation by 10% instead.

■ 231326

■ 231326

■ FFF4FF

■ 090011

■ 503D53

■ 000000

■ 68556B

■ 816D84

■ 9C869E

■ B6A1B9

■ D2BCD5

■ EED7F1

■ 231326

■ 231326

■ 220F26

■ 241726

■ 220B26

■ 241B26

■ 210826

■ 251E26

■ 210426

■ 252226

■ 200026

■ 262626

■ 272A26

■ 272E26

■ 283126

■ 283526

Harmonies

Analogous

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



15172C



231326



2B101C

Triad

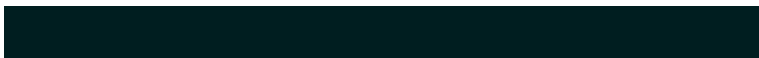
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231326



231700



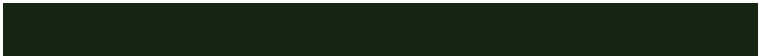
001E20

Complementary

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



231326



162613

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.



001E15



231326



1A1A00

Square

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



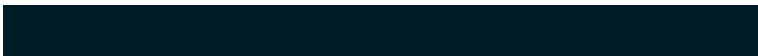
231326



2A1302



0A1D07



001D29

Rectangle

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



231326



2D1015



0A1D07



001F1D

Sweetspot

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



231326



2F2930



131626



19151A



999999



1A1A1A

Same Dimension

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



231326



2C1330



261320



121012



450052



B000D1

Inverse Universe

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



261316



301318



132619



121010



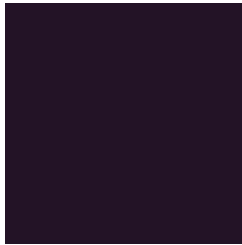
52000D



D10021

Previews

White Background



This preview shows how the Hex color 231326 looks on a white background.

Color Contrast Check

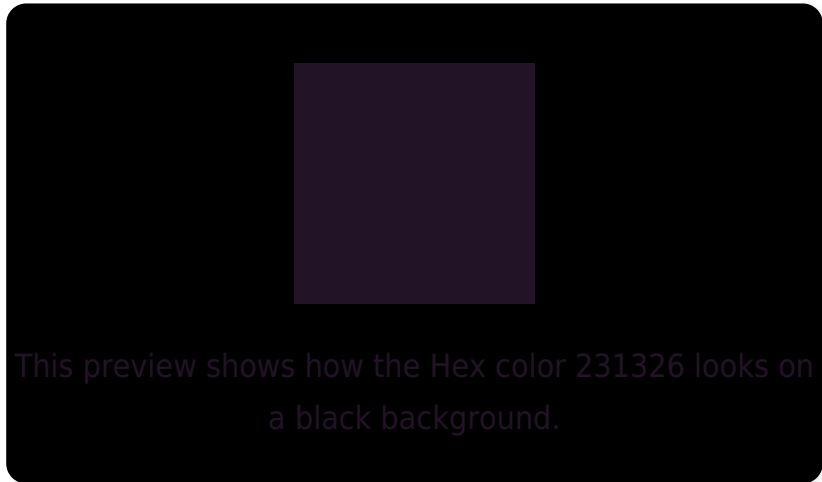
Large Text (above 18pt) WCAG AA ✓ Pass

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

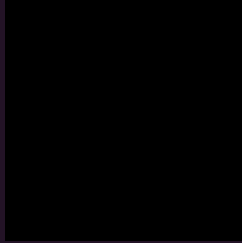
Any Text WCAG AA × Fail

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 231326 Background



This preview shows how black text looks on a background with the Hex color 231326.



This preview shows how white text looks on a background with the Hex color 231326.

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](#).

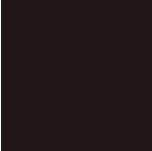
Dichromacy



Original Color
231326

Protanopia
12192B

Deuteranopia
151925



Tritanopia
211618

Trichromacy



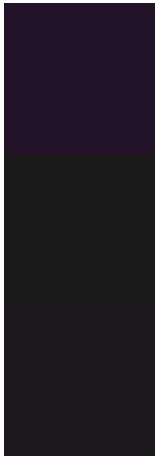
Original Color
231326

Protanomaly
181729

Deuteranomaly
1A1725

Tritanomaly
22151D

Monochromacy



Original Color
231326

Achromatopsia
1A1A1A

Achromatomaly
1D171E

CSS Examples

Text

The CSS property to change the color of the text to Hex 231326 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 #231326 looks like.

```
.text, #text, p{  
    color:#231326  
}
```

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 #231326 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #231326
}
```

Border

The CSS property to change the border of an element to Hex 231326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

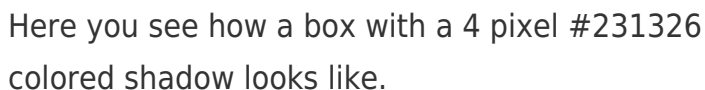
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#231326 }
```

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

```
.border{ border-color:#231326 }
```

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



Here you see how a box with a 4 pixel #231326 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #231326; -webkit-box-shadow:4px 4px  
4px 4px #231326; box-shadow:4px 4px 4px  
4px #231326 }
```

Background

The CSS property to change the background color of an element to Hex 231326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#231326 }
```

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

```
.background{ background-color:#231326 }
```

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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