

Converting Colors

Hex(2316BA)

Have a look what the booklet for
Hex(2316BA) contains.

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Color

Hex(2316BA)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 2316BA |
| RGB | 35, 22, 186 |
| RGB Percent | 14%, 9%, 73% |
| CMY | 0.8627, 0.9137, 0.2706 |
| CMYK | 0.81, 0.88, 0.00, 0.27 |
| HSL | 245°, 79%, 41% |
| HSV | 245°, 88%, 73% |
| XYZ | 9.8430, 4.4763, 46.7996 |
| YIQ | 44.5830, -44.8960, 53.7600 |

Conversions

Conversions Part 2

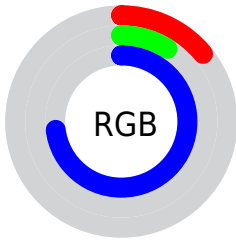
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 35, 22, 186 |
| Decimal | 2299578 |
| CIE _{Lab} | 25.19, 57.27, -79.92 |
| CIE _{LCh} | 25, 98.322, 305.624 |
| Yxy | 4.4763, 0.1610, 0.0732 |
| Android (android.graphics.Color) | 4280489658 (0xFF2316BA) |
| YUV | 44.5830, 69.7186, -8.4043 |
| Hunter-Lab | 21.1573, 46.0179, -116.3384 |

Details

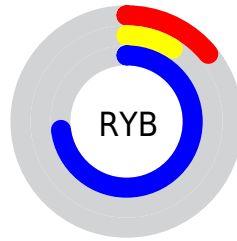
The Hex color **2316BA** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **ADBA16**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **6E4AF4**, and **000083** is the 20% darker color. If you saturate the color by 10%, you get **1203BA**, and if you desaturate by 10%, it is **3429BA**.

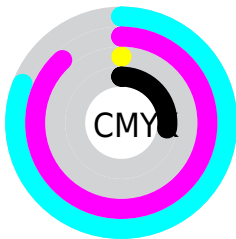
Distribution



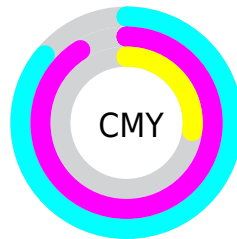
- Red (14%)
- Green (9%)
- Blue (73%)



- Red (14%)
- Yellow (9%)
- Blue (73%)



- Cyan (81%)
- Magenta (88%)
- Yellow (0%)
- Black (27%)



- Cyan (86%)
- Magenta (91%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2316BA 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 2316BA by changing the saturation by 10% instead.

■ 2316BA

■ 2316BA

FFFFFF

■ 00009E

■ 6E4AF4

■ 000083

■ 8E63FF

■ 000069

■ AD7DFF

■ 000A50

■ CB98FF

■ 000538

■ EAB3FF

■ 000221

■ FFCFFF

■ 000006

■ FFECFF

■ 000000

■ 2316BA

■ 2316BA

■ 1203BA

■ 3429BA

■ 0F00BA

■ 453BBA

■ 564EBA

■ 6860BA

■ 7973BA

■ 8A86BA

■ 9B98BA

■ ACABBA

■ BDBDBA

Harmonies

Analogous

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



0047D8



2316BA



96007B

Triad

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



2316BA



781500



005249

Complementary

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



2316BA



ADBA16

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.



005000



2316BA



3E3F00

Square

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



2316BA



A00000



004B00



005494

Rectangle

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



2316BA



AC004A



004B00



00512E

Sweetspot

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



2316BA



B8B3F2



16AFBA



57547A



FAFAFA



7A7A7A

Same Dimension

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



2316BA



1300F2



7316BA



53535C



0C009C



02001C

Inverse Universe

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



BA16AD



F200DF



5DBA16



5C535B



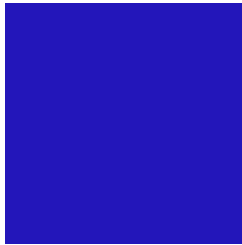
9C008F



1C001A

Previews

White Background



This preview shows how the Hex color 2316BA looks on a white background.

Color Contrast Check

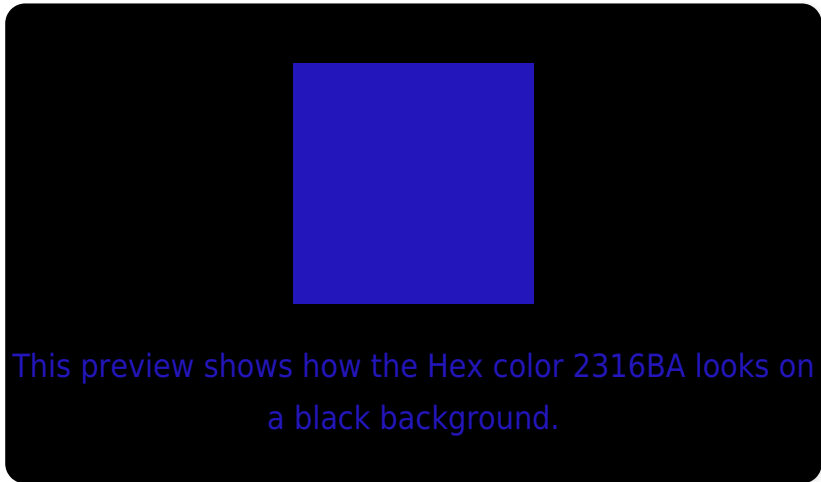
Large Text (above 18pt) WCAG AA ✓ Pass

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

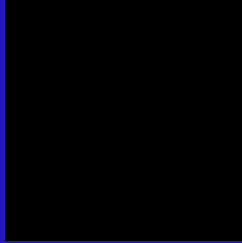
Any Text WCAG AA × Fail

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 2316BA Background



This preview shows how black text looks on a background with the Hex color 2316BA.



This preview shows how white text looks on a background with the Hex color 2316BA.

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
2316BA

Protanopia
003A7A

Deuteranopia
003E68



Tritanopia
004346

Trichromacy



Original Color
2316BA

Protanomaly
0D2D91

Deuteranomaly
0D2F86

Tritanomaly
0D3370

Monochromacy



Original Color
2316BA

Achromatopsia
2D2D2D

Achromatomaly
292560

CSS Examples

Text

The CSS property to change the color of the text to Hex 2316BA 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 #2316BA looks like.

```
.text, #text, p{  
    color:#2316BA  
}
```

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 #2316BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2316BA
}
```

Border

The CSS property to change the border of an element to Hex 2316BA 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".

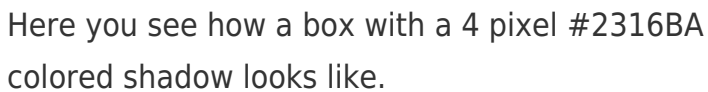
```
.border, #border, table{ border:4px solid
#2316BA }
```

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

```
.border{ border-color:#2316BA }
```

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

Here you see how a box with a 4 pixel #2316BA colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2316BA; -webkit-box-shadow:4px 4px  
4px 4px #2316BA; box-shadow:4px 4px 4px  
4px #2316BA }
```

Background

The CSS property to change the background color of an element to Hex 2316BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2316BA }
```

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

```
.background{ background-color:#2316BA }
```

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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