

Converting Colors

Hex(B31280)

Have a look what the booklet for
Hex(B31280) contains.

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Color

Hex(B31280)

Conversions

Conversions Part 1

Format	Color
Hex	B31280
RGB	179, 18, 128
RGB Percent	70%, 7%, 50%
CMY	0.2980, 0.9294, 0.4980
CMYK	0.00, 0.90, 0.28, 0.30
HSL	319°, 82%, 39%
HSV	319°, 90%, 70%
XYZ	22.7030, 11.5748, 21.4597
YIQ	78.6790, 60.6460, 68.3420

Conversions

Conversions Part 2

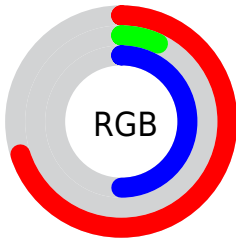
Format	Color
RYB	179, 18, 128
Decimal	11735680
CIELab	40.53, 66.56, -18.92
CIElCh	41, 69.195, 344.130
Yxy	11.5748, 0.4073, 0.2077
Android (android.graphics.Color)	4289925760 (0xFFB31280)
YUV	78.6790, 24.3153, 87.9815
Hunter-Lab	34.0218, 59.5762, -13.5826

Details

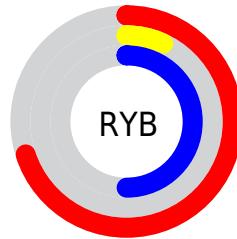
The Hex color **B31280** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **12B345**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **EF59B5**, and **79004F** is the 20% darker color. If you saturate the color by 10%, you get **B3007A**, and if you desaturate by 10%, it is **B32486**.

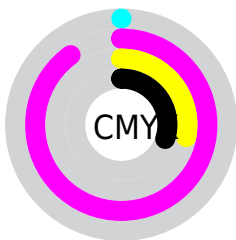
Distribution



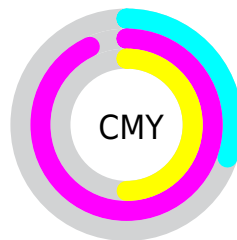
- Red (70%)
- Green (7%)
- Blue (50%)



- Red (70%)
- Yellow (7%)
- Blue (50%)



- Cyan (0%)
- Magenta (90%)
- Yellow (28%)
- Black (30%)



- Cyan (30%)
- Magenta (93%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color B31280 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 B31280 by changing the saturation by 10% instead.

 B31280

 B31280

FFFFFF

 960067

 EF59B5

 79004F

 FF76D1

 5D0038

 FF92ED

 430022

 FFAFFF

 260007

 FFC0FF

 000000

 FFEAFF

 B31280

 B31280

 B3007A

 B32486

 B3368B

 B34891

 B35A97

 B36B9C

 B37DA2

 B38FA8

 B3A1AD

 B3B3B3

Harmonies

Analogous

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



8140B2



B31280



C00048

Triad

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



B31280



5D6500



0076AE

Complementary

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



B31280



12B345

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.



00777A



B31280



007000

Square

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



B31280



8D5200



00753E



006FCE

Rectangle

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



B31280



B82423



00753E



00779E

Sweetspot

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



B31280



E8A9D4



4512B3



755069



F5F5F5



757575

Same Dimension

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



B31280



E8009F



B31230



595056



990069



1A0011

Inverse Universe

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



B31280



E8009F



12B395



595056



990069



1A0011

Previews

White Background



This preview shows how the Hex color B31280 looks on a white background.

Color Contrast Check

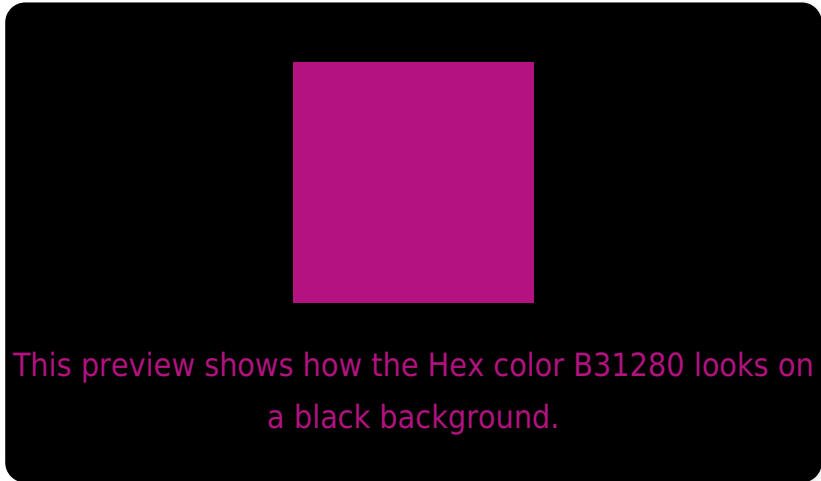
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 B31280 Background



This preview shows how black text looks on a background with the Hex color B31280.



This preview shows how white text looks on a background with the Hex color B31280.

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



Trichromacy



Original Color
B31280



Protanomaly
6342A1



Deuteranomaly
7E437B

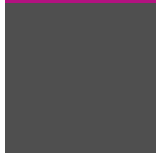


Tritanomaly
B02852

Monochromacy



Original Color
B31280



Achromatopsia
4F4F4F



Achromatomaly
733961

CSS Examples

Text

The CSS property to change the color of the text to Hex B31280 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 #B31280 looks like.

```
.text, #text, p{  
    color:#B31280  
}
```

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 #B31280 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B31280
}
```

Border

The CSS property to change the border of an element to Hex B31280 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
#B31280 }
```

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

```
.border{ border-color:#B31280 }
```

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

Here you see how a box with a 4 pixel #B31280 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B31280; -webkit-box-shadow:4px 4px  
4px 4px #B31280; box-shadow:4px 4px 4px  
4px #B31280 }
```

Background

The CSS property to change the background color of an element to Hex B31280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B31280 }
```

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

```
.background{ background-color:#B31280 }
```

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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