

Converting Colors

Hex(200180)

Have a look what the booklet for
Hex(200180) contains.

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Color

Hex(200180)

Conversions

Conversions Part 1

Format	Color
Hex	200180
RGB	32, 1, 128
RGB Percent	13%, 0%, 50%
CMY	0.8745, 0.9961, 0.4980
CMYK	0.75, 0.99, 0.00, 0.50
HSL	255°, 98%, 25%
HSV	255°, 99%, 50%
XYZ	4.5028, 1.8873, 20.5490
YIQ	24.7470, -22.2910, 46.0690

Conversions

Conversions Part 2

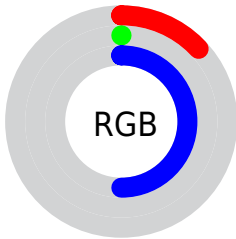
Format	Color
R_{YB}	32, 1, 128
Decimal	2097536
CIE _{Lab}	14.88, 47.80, -61.47
CIE _{LCh}	15, 77.867, 307.867
Yxy	1.8873, 0.1671, 0.0701
Android (android.graphics.Color)	4280287616 (0xFF200180)
YUV	24.7470, 50.9037, 6.3609
Hunter-Lab	13.7379, 34.4647, -79.0690

Details

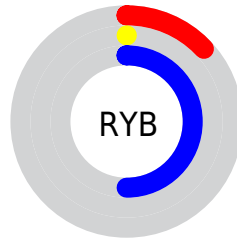
The Hex color **200180** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **618001**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **5F36B6**, and **00004D** is the 20% darker color. If you saturate the color by 10%, you get **1F0080**, and if you desaturate by 10%, it is **2A0E80**.

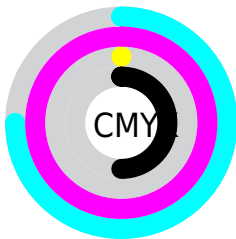
Distribution



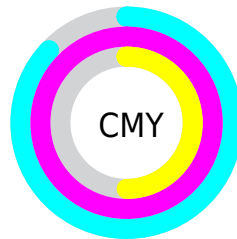
- Red (13%)
- Green (0%)
- Blue (50%)



- Red (13%)
- Yellow (0%)
- Blue (50%)



- Cyan (75%)
- Magenta (99%)
- Yellow (0%)
- Black (50%)



- Cyan (87%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 200180 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 200180 by changing the saturation by 10% instead.

 200180

 200180

 FFF1FF

 000066


 5F36B6

 00004D

 7C4FD2

 000535

 9868EF

 00021F

 B582FF

 000002

 D39DFF

 000000

 F0B8FF

 FFD4FF

 200180

 200180

■ 1F0080

■ 2A0E80

■ 331B80

■ 3D2780

■ 473480

■ 504180

■ 5A4E80

■ 645B80

■ 6D6780

■ 777480

Harmonies

Analogous

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



002D99



200180



6B0050

Triad

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



200180



4E0C00



003633

Complementary

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



200180



618001

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.



003500



200180



222900

Square

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



200180



6D0000



003200



00396A

Rectangle

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



200180



79002C



003200



003520

Sweetspot

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



200180



8074A6



016280



3D3654



D4D4D4



545454

Same Dimension

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



200180



2800A6



5E0180



3B3940



1F0080



000000

Inverse Universe

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



800161



A6007D



238001



40393E



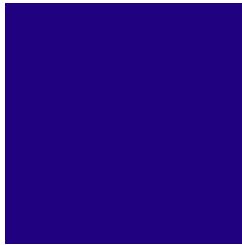
800060



000000

Previews

White Background



This preview shows how the Hex color 200180 looks on a white background.

Color Contrast Check

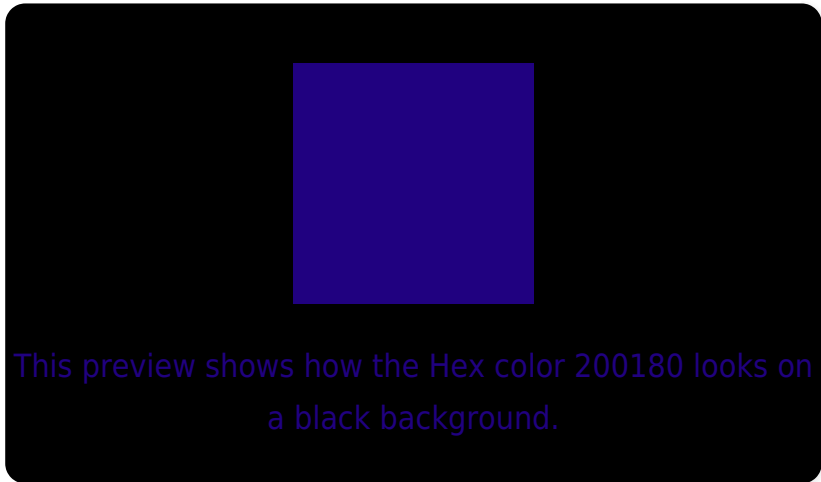
Large Text (above 18pt) WCAG AA ✓ Pass

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

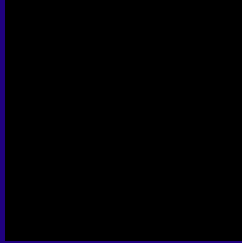
Any Text WCAG AA × Fail

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 200180 Background



This preview shows how black text looks on a background with the Hex color 200180.



This preview shows how white text looks on a background with the Hex color 200180.

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
200180

Protanopia
002853

Deuteranopia
002B47

Trichromacy



Original Color
200180

Protanomaly
0C1A63

Deuteranomaly
0C1C5C

Tritanomaly
0C1E4D

Monochromacy



Original Color
200180

Achromatopsia
191919

Achromatomaly
1C103E

CSS Examples

Text

The CSS property to change the color of the text to Hex 200180 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 #200180 looks like.

```
.text, #text, p{  
    color:#200180  
}
```

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 #200180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #200180
}
```

Border

The CSS property to change the border of an element to Hex 200180 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
#200180 }
```

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

```
.border{ border-color:#200180 }
```

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

Here you see how a box with a 4 pixel #200180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #200180; -webkit-box-shadow:4px 4px  
4px 4px #200180; box-shadow:4px 4px 4px  
4px #200180 }
```

Background

The CSS property to change the background color of an element to Hex 200180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#200180 }
```

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

```
.background{ background-color:#200180 }
```

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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