

# Converting Colors

Hex(180192)

Have a look what the booklet for  
Hex(180192) contains.

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# Color

**Hex(180192)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	180192
RGB	24, 1, 146
RGB Percent	9%, 0%, 57%
CMY	0.9059, 0.9961, 0.4275
CMYK	0.84, 0.99, 0.00, 0.43
HSL	250°, 99%, 29%
HSV	250°, 99%, 57%
XYZ	5.5758, 2.2912, 27.3425
YIQ	24.4070, -32.8370, 49.9710

# Conversions

## Conversions Part 2

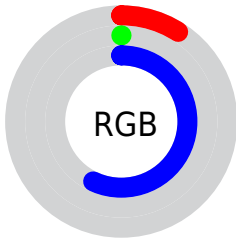
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 1, 146
Decimal	1573266
CIE <sub>Lab</sub>	16.95, 52.27, -69.37
CIE <sub>LCh</sub>	17, 86.861, 306.995
Yxy	2.2912, 0.1584, 0.0651
Android (android.graphics.Color)	4279763346 (0xFF180192)
YUV	24.4070, 59.9453, -0.3569
Hunter-Lab	15.1368, 39.2637, -96.5034

# Details

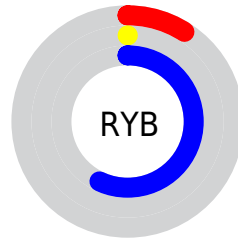
The Hex color **180192** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **7B9201**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **6038C9**, and **00005E** is the 20% darker color. If you saturate the color by 10%, you get **170092**, and if you desaturate by 10%, it is **241092**.

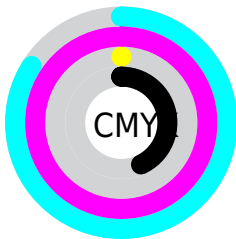
# Distribution



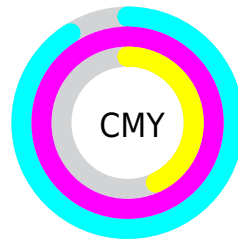
- Red (9%)
- Green (0%)
- Blue (57%)



- Red (9%)
- Yellow (0%)
- Blue (57%)



- Cyan (84%)
- Magenta (99%)
- Yellow (0%)
- Black (43%)



- Cyan (91%)
- Magenta (100%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 180192 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 180192 by changing the saturation by 10% instead.



 180192

 180192

 FFF4FF

 000077

 6038C9

 00005E

 7E51E6

 000845

 9B6AFF

 00032E

 B985FF

 000118

 D79FFF

 000000

 F5BBFF

 FFD7FF

 180192

 180192

■ 170092

■ 241092

■ 311E92

■ 3D2D92

■ 493B92

■ 554A92

■ 625992

■ 6E6792

■ 7A7692

■ 878492

# Harmonies

## Analogous

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



0033AD



180192



77005C

# Triad

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



180192



590900



003C38

# Complementary

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



180192



7B9201

# 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.



003A00



180192



272D00

# Square

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



180192



7B0000



003700



003F76

# Rectangle

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



180192



870033



003700



003B22



# Sweetspot

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



180192



8D84BD



017C92



423C5E



DEDEDE



5E5E5E



# Same Dimension

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



180192



1E00BD



5F0192



44434A



16008A



02000A



# Inverse Universe

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



92017B



BD009F



349201



4A4349



8A0074

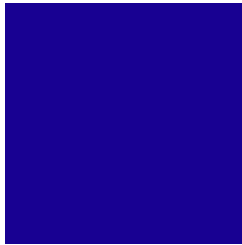


0A0009



# Previews

## White Background



This preview shows how the Hex color 180192 looks on a white background.

## Color Contrast Check

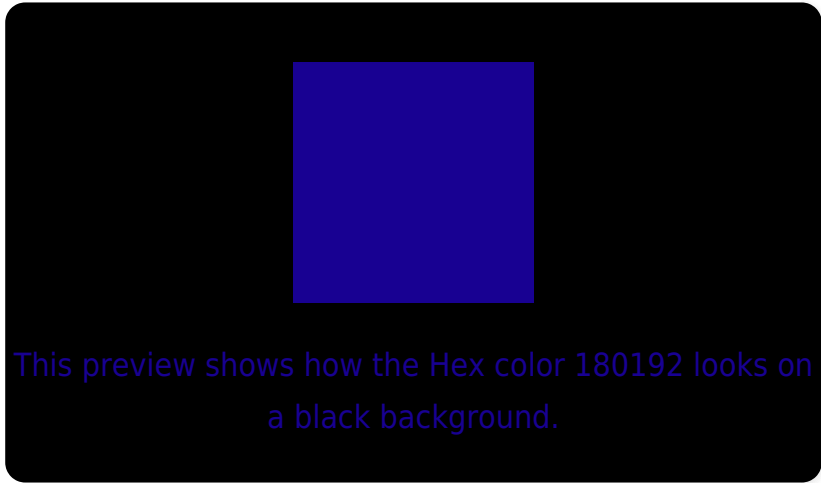
Large Text (above 18pt) WCAG AA ✓ Pass

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

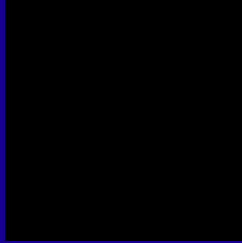
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 180192 Background



This preview shows how black text looks on a background with the Hex color 180192.



This preview shows how white text looks on a background with the Hex color 180192.

# 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**  
180192

**Protanopia**  
002C5C

**Deuteranopia**  
002F4E



# Trichromacy



**Original Color**  
180192

**Protanomaly**  
091C70

**Deuteranomaly**  
091E67

**Tritanomaly**  
092057

# Monochromacy



**Original Color**  
180192

**Achromatopsia**  
181818

**Achromatomaly**  
181044

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 180192 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 #180192 looks like.

```
.text, #text, p{  
    color:#180192  
}
```

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 #180192 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #180192
}
```

## Border

The CSS property to change the border of an element to Hex 180192 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
#180192 }
```

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

```
.border{ border-color:#180192 }
```

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

Here you see how a box with a 4 pixel #180192 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #180192; -webkit-box-shadow:4px 4px  
4px 4px #180192; box-shadow:4px 4px 4px  
4px #180192 }
```

# Background

The CSS property to change the background color of an element to Hex 180192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#180192 }
```

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

```
.background{ background-color:#180192 }
```

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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