

Converting Colors

Hex(1806B1)

Have a look what the booklet for
Hex(1806B1) contains.

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Color

Hex(1806B1)

Conversions

Conversions Part 1

Format	Color
Hex	1806B1
RGB	24, 6, 177
RGB Percent	9%, 2%, 69%
CMY	0.9059, 0.9765, 0.3059
CMYK	0.86, 0.97, 0.00, 0.31
HSL	246°, 93%, 36%
HSV	246°, 97%, 69%
XYZ	8.3776, 3.4988, 41.8288
YIQ	30.8760, -44.1630, 56.9970

Conversions

Conversions Part 2

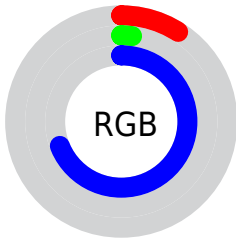
Format	Color
R _Y B	24, 6, 177
Decimal	1574577
CIE Lab	21.94, 58.98, -79.98
CIE LCh	22, 99.374, 306.409
Yxy	3.4988, 0.1560, 0.0651
Android (android.graphics.Color)	4279764657 (0xFF1806B1)
YUV	30.8760, 72.0391, -6.0303
Hunter-Lab	18.7050, 47.2132, -119.4929

Details

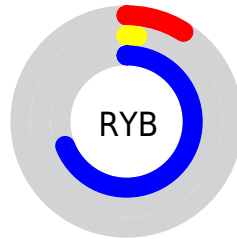
The Hex color **1806B1** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **9FB106**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **683FEA**, and **00007B** is the 20% darker color. If you saturate the color by 10%, you get **1300B1**, and if you desaturate by 10%, it is **2818B1**.

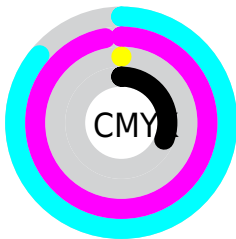
Distribution



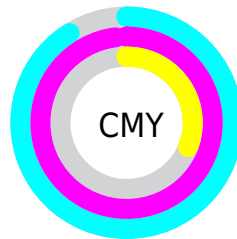
- Red (9%)
- Green (2%)
- Blue (69%)



- Red (9%)
- Yellow (2%)
- Blue (69%)



- Cyan (86%)
- Magenta (97%)
- Yellow (0%)
- Black (31%)



- Cyan (91%)
- Magenta (98%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1806B1 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 1806B1 by changing the saturation by 10% instead.

■ 1806B1

■ 1806B1

FFFEFF

■ 000095

■ 683FEA

■ 00007B

■ 8859FF

■ 000061

■ A673FF

■ 000848

■ C58DFF

■ 000430

■ E4A9FF

■ 00011A

■ FFC5FF

■ 000000

■ FFE1FF

■ 1806B1

■ 1806B1

■ 1300B1

■ 2818B1

■ 3829B1

■ 483BB1

■ 574DB1

■ 675EB1

■ 7770B1

■ 8782B1

■ 9794B1

■ A7A5B1

Harmonies

Analogous

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



0040D0



1806B1



8F0072

Triad

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



1806B1



6D0C00



004A44

Complementary

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



1806B1



9FB106

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.



004800



1806B1



333800

Square

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



1806B1



950000



004400



004C8E

Rectangle

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



1806B1



A30041



004400



00492A

Sweetspot

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



1806B1



AAA3E6



06A0B1



4F4B73



F2F2F2



737373

Same Dimension

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



1806B1



1800E6



6D06B1



515059



100099



03001A

Inverse Universe

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



B1069F



E600CD



4AB106



595058



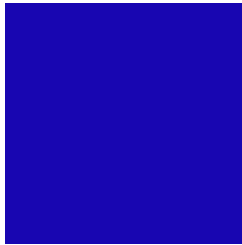
990089



1A0017

Previews

White Background



This preview shows how the Hex color 1806B1 looks on a white background.

Color Contrast Check

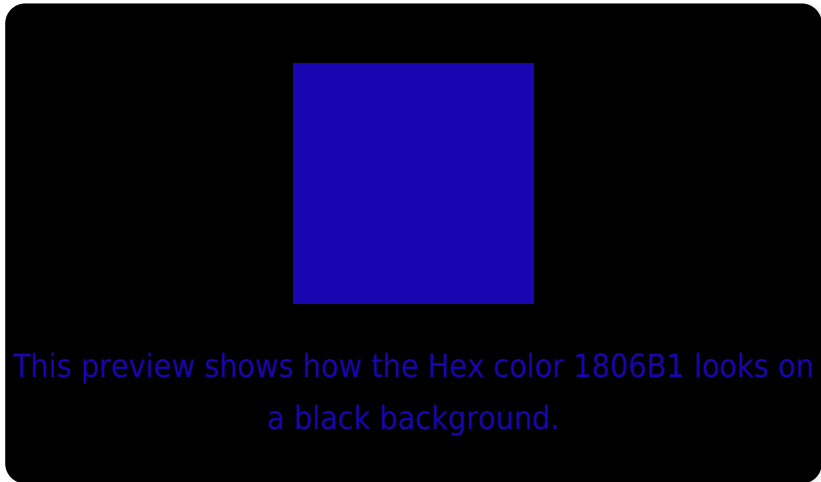
Large Text (above 18pt) WCAG AA ✓ Pass

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

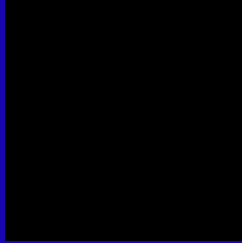
Any Text WCAG AA × Fail

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 1806B1 Background



This preview shows how black text looks on a background with the Hex color 1806B1.



This preview shows how white text looks on a background with the Hex color 1806B1.

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
1806B1

Protanopia
00356E

Deuteranopia
00385E



Tritanopia
003D3F

Trichromacy



Original Color
1806B1

Protanomaly
092486

Deuteranomaly
09267C

Tritanomaly
092968

Monochromacy



Original Color
1806B1

Achromatopsia
1F1F1F

Achromatomaly
1C1654

CSS Examples

Text

The CSS property to change the color of the text to Hex 1806B1 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 #1806B1 looks like.

```
.text, #text, p{  
    color:#1806B1  
}
```

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 #1806B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1806B1
}
```

Border

The CSS property to change the border of an element to Hex 1806B1 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
#1806B1 }
```

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

```
.border{ border-color:#1806B1 }
```

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

Here you see how a box with a 4 pixel #1806B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1806B1; -webkit-box-shadow:4px 4px  
4px 4px #1806B1; box-shadow:4px 4px 4px  
4px #1806B1 }
```

Background

The CSS property to change the background color of an element to Hex 1806B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1806B1 }
```

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

```
.background{ background-color:#1806B1 }
```

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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