

Converting Colors

Hex(1700C8)

Have a look what the booklet for
Hex(1700C8) contains.

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Color

Hex(1700C8)

Conversions

Conversions Part 1

Format	Color
Hex	1700C8
RGB	23, 0, 200
RGB Percent	9%, 0%, 78%
CMY	0.9098, 1.0000, 0.2157
CMYK	0.89, 1.00, 0.00, 0.22
HSL	247°, 100%, 39%
HSV	247°, 100%, 78%
XYZ	10.7787, 4.3523, 54.9156
YIQ	29.6770, -50.4920, 67.0760

Conversions

Conversions Part 2

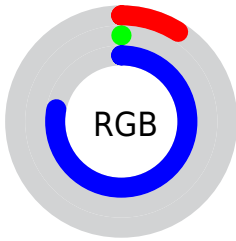
Format	Color
R _Y B	23, 0, 200
Decimal	1507528
CIE Lab	24.80, 66.14, -88.85
CIE LCh	25, 110.764, 306.664
Yxy	4.3523, 0.1539, 0.0621
Android (android.graphics.Color)	4279697608 (0xFF1700C8)
YUV	29.6770, 83.9692, -5.8557
Hunter-Lab	20.8621, 55.7154, -141.4660

Details

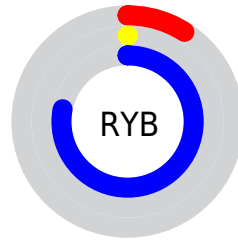
The Hex color **1700C8** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **B1C800**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **6E40FF**, and **000090** is the 20% darker color. If you saturate the color by 10%, you get **1700C8**, and if you desaturate by 10%, it is **2914C8**.

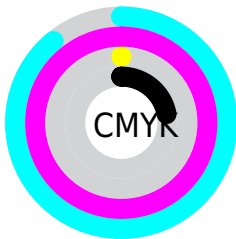
Distribution



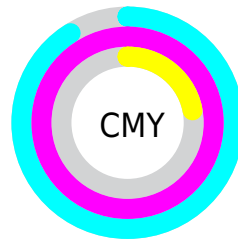
- Red (9%)
- Green (0%)
- Blue (78%)



- Red (9%)
- Yellow (0%)
- Blue (78%)



- Cyan (89%)
- Magenta (100%)
- Yellow (0%)
- Black (22%)



- Cyan (91%)
- Magenta (100%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1700C8 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 1700C8 by changing the saturation by 10% instead.

 1700C8

 1700C8

FFFFFF

 0000AC

 6E40FF

 000090

 8F5AFF

 000075

 AF75FF

 000D5B

 CE90FF

 000743

 EEABFF

 00032C

 FFC7FF

 000116

 FFE4FF

 000000

 1700C8

 2914C8

 3A28C8

 4C3CC8

 5E50C8

 7064C8

 8178C8

 938CC8

 A5A0C8

 B6B4C8

Harmonies

Analogous

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



0048EC



1700C8



A20080

Triad

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



1700C8



7A0B00



00524D

Complementary

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



1700C8



B1C800

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



1700C8



383F00

Square

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



1700C8



A80000



004C00



0055A1

Rectangle

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



1700C8



B80049



004C00



00512F

Sweetspot

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



1700C8



BBB3FF



00B4C8



575280



000000



808080

Same Dimension

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



1700C8



1D00FF



7800C8



5B5A63



1300A3



040024

Inverse Universe

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



C800B1



FF00E2



50C800



635A62



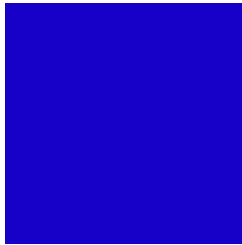
A30090



240020

Previews

White Background



This preview shows how the Hex color 1700C8 looks on a white background.

Color Contrast Check

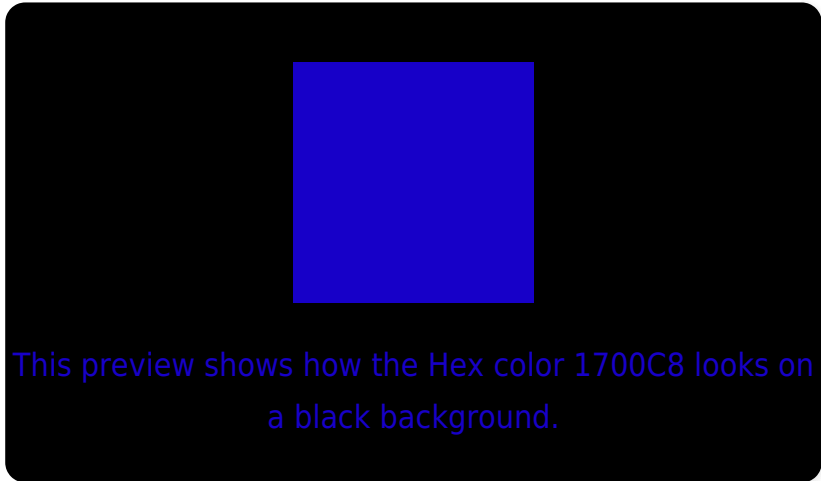
Large Text (above 18pt) WCAG AA ✓ Pass

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

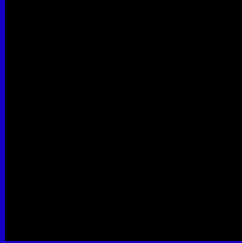
Any Text WCAG AA × Fail

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 1700C8 Background



This preview shows how black text looks on a background with the Hex color 1700C8.



This preview shows how white text looks on a background with the Hex color 1700C8.

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
1700C8

Protanopia
003B7C

Deuteranopia
003F69

Trichromacy



Original Color

1700C8

Protanomaly

082698

Deuteranomaly

08288C

Tritanomaly

082B76

Monochromacy



Original Color

1700C8

Achromatopsia

1E1E1E

Achromatomaly

1B135C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1700C8 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 #1700C8 looks like.

```
.text, #text, p{  
    color:#1700C8  
}
```

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 #1700C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1700C8
}
```

Border

The CSS property to change the border of an element to Hex 1700C8 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
#1700C8 }
```

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

```
.border{ border-color:#1700C8 }
```

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

Here you see how a box with a 4 pixel #1700C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1700C8; -webkit-box-shadow:4px 4px  
4px 4px #1700C8; box-shadow:4px 4px 4px  
4px #1700C8 }
```

Background

The CSS property to change the background color of an element to Hex 1700C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1700C8 }
```

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

```
.background{ background-color:#1700C8 }
```

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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