

Converting Colors

Hex(1500CC)

Have a look what the booklet for
Hex(1500CC) contains.

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Color

Hex(1500CC)

Conversions

Conversions Part 1

Format	Color
Hex	1500CC
RGB	21, 0, 204
RGB Percent	8%, 0%, 80%
CMY	0.9176, 1.0000, 0.2000
CMYK	0.90, 1.00, 0.00, 0.20
HSL	246°, 100%, 40%
HSV	246°, 100%, 80%
XYZ	11.2083, 4.5191, 57.4083
YIQ	29.5350, -52.9680, 67.8960

Conversions

Conversions Part 2

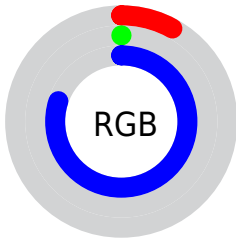
Format	Color
RYB	21, 0, 204
Decimal	1376460
CIELab	25.32, 67.10, -90.33
CIELCh	25, 112.526, 306.603
Yxy	4.5191, 0.1533, 0.0618
Android (android.graphics.Color)	4279566540 (0xFF1500CC)
YUV	29.5350, 86.0112, -7.4852
Hunter-Lab	21.2581, 56.9126, -145.2342

Details

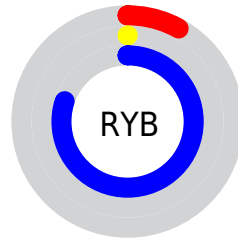
The Hex color **1500CC** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **B7CC00**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **6F40FF**, and **000094** is the 20% darker color. If you saturate the color by 10%, you get **1500CC**, and if you desaturate by 10%, it is **2714CC**.

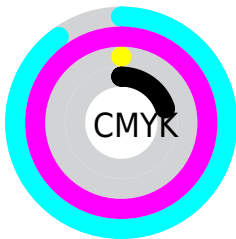
Distribution



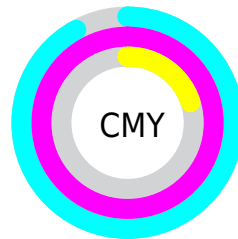
- Red (8%)
- Green (0%)
- Blue (80%)



- Red (8%)
- Yellow (0%)
- Blue (80%)



- Cyan (90%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



- Cyan (92%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1500CC 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 1500CC by changing the saturation by 10% instead.

 1500CC

 1500CC

FFFFFF

 0000B0

 6F40FF

 000094

 905BFF

 000079

 B075FF

 000C5F

 CF90FF

 000846

 EFACFF

 00042F

 FFC8FF

 000119

 FFE5FF

 000000

 1500CC

 2714CC

 3A29CC

 4C3DCC

 5E52CC

 7066CC

 837ACC

 958FCC

 A7A3CC

 BAB8CC

Harmonies

Analogous

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



004AF1



1500CC



A40082

Triad

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



1500CC



7C0B00



00544E

Complementary

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



1500CC



B7CC00

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.



005200



1500CC



394000

Square

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



1500CC



AB0000



004D00



0057A4

Rectangle

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



1500CC



BC004A



004D00



005330

Sweetspot

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



1500CC



BAB3FF



00B8CC



565280



000000



808080

Same Dimension

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



1500CC



1A00FF



7A00CC



5D5C66



1100A6



040026

Inverse Universe

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



CC00B7



FF00E5



52CC00



665C65



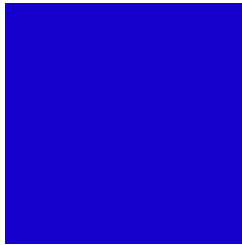
A60095



260022

Previews

White Background



This preview shows how the Hex color 1500CC looks on a white background.

Color Contrast Check

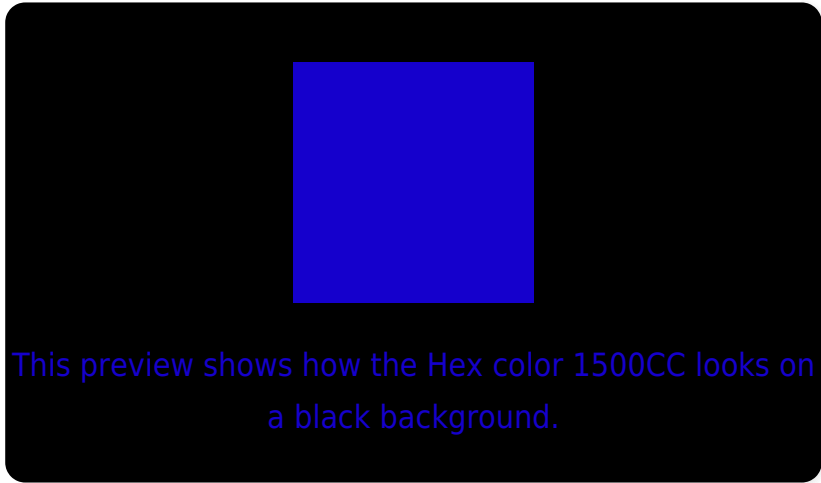
Large Text (above 18pt) WCAG AA ✓ Pass

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

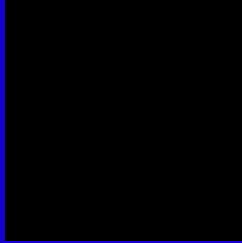
Any Text WCAG AA × Fail

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 1500CC Background



This preview shows how black text looks on a background with the Hex color 1500CC.



This preview shows how white text looks on a background with the Hex color 1500CC.

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
1500CC

Protanopia
003C7E

Deuteranopia
00406B

Trichromacy



Original Color
1500CC

Protanomaly
08269A

Deuteranomaly
08298E

Tritanomaly
082C78

Monochromacy



Original Color
1500CC

Achromatopsia
1E1E1E

Achromatomaly
1B135D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1500CC 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 #1500CC looks like.

```
.text, #text, p{  
    color:#1500CC  
}
```

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 #1500CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1500CC }  
}
```

Border

The CSS property to change the border of an element to Hex 1500CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

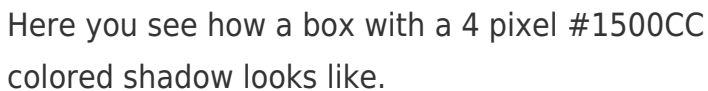
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #1500CC }  
}
```

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

```
.border{ border-color:#1500CC }
```

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



Here you see how a box with a 4 pixel #1500CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1500CC; -webkit-box-shadow:4px 4px  
4px 4px #1500CC; box-shadow:4px 4px 4px  
4px #1500CC }
```

Background

The CSS property to change the background color of an element to Hex 1500CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1500CC }
```

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

```
.background{ background-color:#1500CC }
```

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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