

Converting Colors

Hex(1205CB)

Have a look what the booklet for
Hex(1205CB) contains.

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Color

Hex(1205CB)

Conversions

Conversions Part 1

Format	Color
Hex	1205CB
RGB	18, 5, 203
RGB Percent	7%, 2%, 80%
CMY	0.9294, 0.9804, 0.2039
CMYK	0.91, 0.98, 0.00, 0.20
HSL	244°, 95%, 41%
HSV	244°, 98%, 80%
XYZ	11.0832, 4.5489, 56.7938
YIQ	31.4590, -55.8100, 64.3340

Conversions

Conversions Part 2

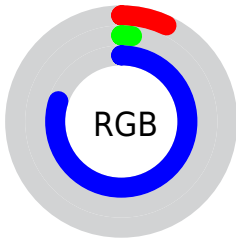
Format	Color
R_{YB}	18, 5, 203
Decimal	1181131
CIE Lab	25.41, 65.79, -89.60
CIE LCh	25, 111.158, 306.288
Yxy	4.5489, 0.1530, 0.0628
Android (android.graphics.Color)	4279371211 (0xFF1205CB)
YUV	31.4590, 84.5697, -11.8035
Hunter-Lab	21.3282, 55.4331, -142.9503

Details

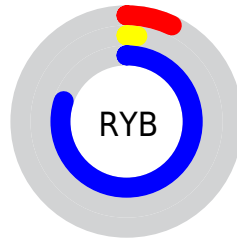
The Hex color **1205CB** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **BECB05**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **6E42FF**, and **000093** is the 20% darker color. If you saturate the color by 10%, you get **0D00CB**, and if you desaturate by 10%, it is **2519CB**.

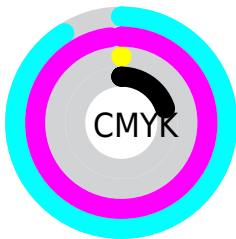
Distribution



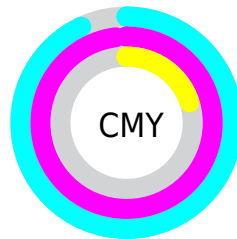
- Red (7%)
- Green (2%)
- Blue (80%)



- Red (7%)
- Yellow (2%)
- Blue (80%)



- Cyan (91%)
- Magenta (98%)
- Yellow (0%)
- Black (20%)



- Cyan (93%)
- Magenta (98%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1205CB 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 1205CB by changing the saturation by 10% instead.

 1205CB

 1205CB

FFFFFF

 0000AF

 6E42FF

 000093

 8F5CFF

 000078

 AF77FF

 000C5E

 CE92FF

 000845

 EEAEFF

 00042E

 FFCAFF

 000118

 FFE7FF

 000000

 1205CB

 1205CB

0D00CB

2519CB

382ECB

4B42CB

5E56CB

716BCB

847FCB

9793CB

AAA7CB

BDBCCB

Harmonies

Analogous

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



004AEF



1205CB



A30083

Triad

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



1205CB



7D0B00



00544D

Complementary

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



1205CB



BECB05

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



1205CB



3B4000

Square

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



1205CB



AB0000



004D00



0057A2

Rectangle

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



1205CB



BB004B



004D00



00532F

Sweetspot

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



1205CB



BAB5FF



05C1CB



565380



000000



808080

Same Dimension

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



1205CB



1100FF



7205CB



5C5C66



0B00A6



030026

Inverse Universe

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



CB05BE



FF00EE



5ECB05



665C65



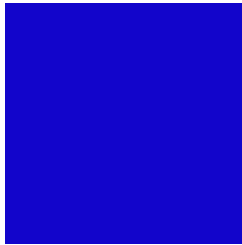
A6009B



260024

Previews

White Background



This preview shows how the Hex color 1205CB looks on a white background.

Color Contrast Check

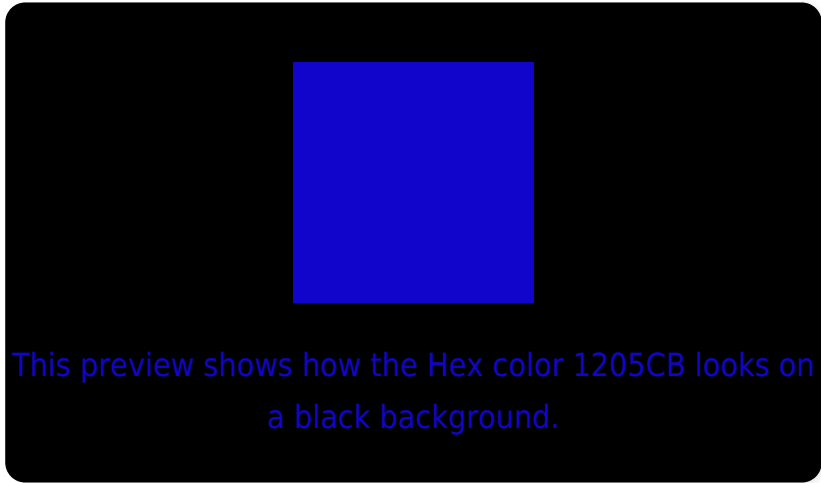
Large Text (above 18pt) WCAG AA ✓ Pass

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

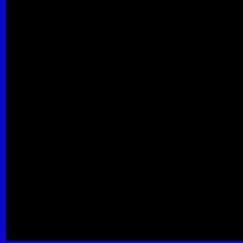
Any Text WCAG AA × Fail

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 1205CB Background



This preview shows how black text looks on a background with the Hex color 1205CB.



This preview shows how white text looks on a background with the Hex color 1205CB.

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
1205CB

Protanopia
003C7D

Deuteranopia
00406A



Tritanopia
004548

Trichromacy



Original Color
1205CB

Protanomaly
072899

Deuteranomaly
072B8D

Tritanomaly
072E78

Monochromacy



Original Color
1205CB

Achromatopsia
1F1F1F

Achromatomaly
1A165E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1205CB 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 #1205CB looks like.

```
.text, #text, p{  
    color:#1205CB  
}
```

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 #1205CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1205CB
}
```

Border

The CSS property to change the border of an element to Hex 1205CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

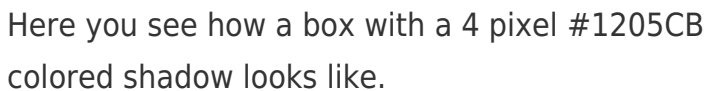
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1205CB }
```

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

```
.border{ border-color:#1205CB }
```

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



Here you see how a box with a 4 pixel #1205CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1205CB; -webkit-box-shadow:4px 4px  
4px 4px #1205CB; box-shadow:4px 4px 4px  
4px #1205CB }
```

Background

The CSS property to change the background color of an element to Hex 1205CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1205CB }
```

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

```
.background{ background-color:#1205CB }
```

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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