

Converting Colors

Hex(1205E2)

Have a look what the booklet for
Hex(1205E2) contains.

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Color

Hex(1205E2)

Conversions

Conversions Part 1

Format	Color
Hex	1205E2
RGB	18, 5, 226
RGB Percent	7%, 2%, 89%
CMY	0.9294, 0.9804, 0.1137
CMYK	0.92, 0.98, 0.00, 0.11
HSL	244°, 96%, 45%
HSV	244°, 98%, 89%
XYZ	14.0312, 5.7281, 72.3176
YIQ	34.0810, -63.1930, 71.4870

Conversions

Conversions Part 2

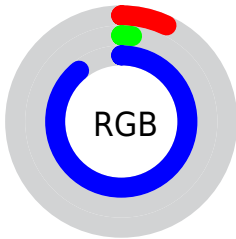
Format	Color
R _Y B	18, 5, 226
Decimal	1181154
CIE Lab	28.72, 71.51, -97.40
CIE LCh	29, 120.836, 306.286
Yxy	5.7281, 0.1524, 0.0622
Android (android.graphics.Color)	4279371234 (0xFF1205E2)
YUV	34.0810, 94.6161, -14.1030
Hunter-Lab	23.9335, 62.7633, -162.3976

Details

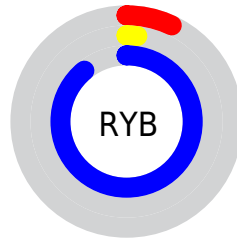
The Hex color **1205E2** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **D5E205**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **7445FF**, and **0000A9** is the 20% darker color. If you saturate the color by 10%, you get **0D00E2**, and if you desaturate by 10%, it is **271CE2**.

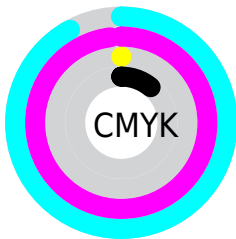
Distribution



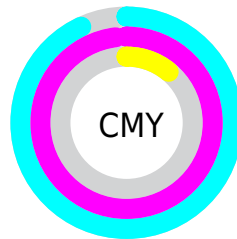
- Red (7%)
- Green (2%)
- Blue (89%)



- Red (7%)
- Yellow (2%)
- Blue (89%)



- Cyan (92%)
- Magenta (98%)
- Yellow (0%)
- Black (11%)



- Cyan (93%)
- Magenta (98%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1205E2 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 1205E2 by changing the saturation by 10% instead.

■ 1205E2

■ 1205E2

FFFFFF

■ 0000C5

■ 7445FF

■ 0000A9

■ 9660FF

■ 00008D

■ B77BFF

■ 000472

■ D797FF

■ 000D59

■ F8B3FF

■ 000740

■ FFCFFF

■ 000329

■ FFECFF

■ 000113

■ 000000

■ 1205E2

■ 1205E2

■ 0D00E2

■ 271CE2

■ 3D32E2

■ 5249E2

■ 675FE2

■ 7C76E2

■ 928DE2

■ A7A3E2

■ BCBAE2

■ D1D0E2

Harmonies

Analogous

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



0053FF



1205E2



B60092

Triad

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



1205E2



8B0D00



005E57

Complementary

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



1205E2



D5E205

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.



005B00



1205E2



424800

Square

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



1205E2



BE0000



005700



0061B5

Rectangle

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



1205E2



D00054



005700



005D35

Sweetspot

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



1205E2



B9B5FF



05D7E2



565380



000000



808080

Same Dimension

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



1205E2



0F00FF



7F05E2



666570



0A00B0



030030

Inverse Universe

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



E205D5



FF00F0



68E205



706570



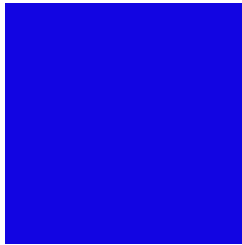
B000A6



30002E

Previews

White Background



This preview shows how the Hex color 1205E2 looks on a white background.

Color Contrast Check

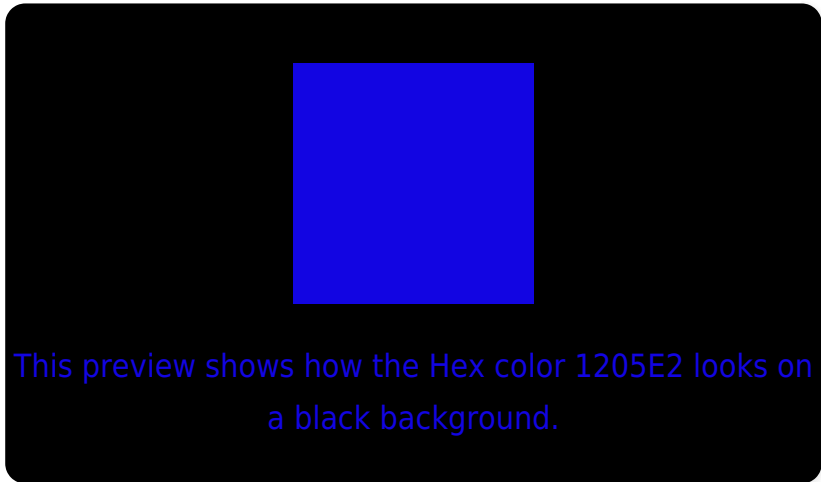
Large Text (above 18pt) WCAG AA ✓ Pass

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

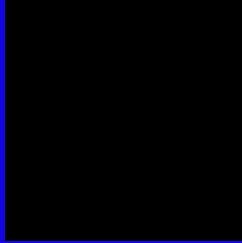
Any Text WCAG AA × Fail

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 1205E2 Background



This preview shows how black text looks on a background with the Hex color 1205E2.



This preview shows how white text looks on a background with the Hex color 1205E2.

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





Tritanopia
004C50

Trichromacy



Original Color
1205E2

Protanomaly
072CAB

Deuteranomaly
072F9D

Tritanomaly
073285

Monochromacy



Original Color
1205E2

Achromatopsia
222222

Achromatomaly
1C1768

CSS Examples

Text

The CSS property to change the color of the text to Hex 1205E2 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 #1205E2 looks like.

```
.text, #text, p{  
    color:#1205E2  
}
```

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 #1205E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1205E2
}
```

Border

The CSS property to change the border of an element to Hex 1205E2 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
#1205E2 }
```

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

```
.border{ border-color:#1205E2 }
```

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

Here you see how a box with a 4 pixel #1205E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1205E2; -webkit-box-shadow:4px 4px  
4px 4px #1205E2; box-shadow:4px 4px 4px  
4px #1205E2 }
```

Background

The CSS property to change the background color of an element to Hex 1205E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1205E2 }
```

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

```
.background{ background-color:#1205E2 }
```

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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