

Converting Colors

Hex(1300E2)

Have a look what the booklet for
Hex(1300E2) contains.

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Color

Hex(1300E2)

Conversions

Conversions Part 1

Format	Color
Hex	1300E2
RGB	19, 0, 226
RGB Percent	7%, 0%, 89%
CMY	0.9255, 1.0000, 0.1137
CMYK	0.92, 1.00, 0.00, 0.11
HSL	245°, 100%, 44%
HSV	245°, 100%, 89%
XYZ	13.9960, 5.6294, 72.3004
YIQ	31.4450, -61.2220, 74.3140

Conversions

Conversions Part 2

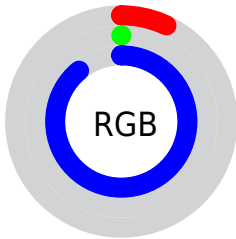
Format	Color
R_{YB}	19, 0, 226
Decimal	1245410
CIE Lab	28.46, 72.41, -97.83
CIE LCh	28, 121.713, 306.505
Yxy	5.6294, 0.1523, 0.0612
Android (android.graphics.Color)	4279435490 (0xFF1300E2)
YUV	31.4450, 95.9156, -10.9143
Hunter-Lab	23.7264, 63.7744, -164.0631

Details

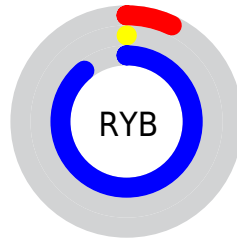
The Hex color **1300E2** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **CFE200**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **7443FF**, and **0000A9** is the 20% darker color. If you saturate the color by 10%, you get **1300E2**, and if you desaturate by 10%, it is **2817E2**.

Distribution



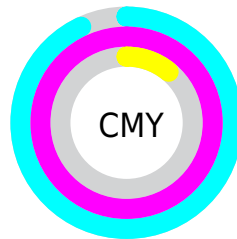
- Red (7%)
- Green (0%)
- Blue (89%)



- Red (7%)
- Yellow (0%)
- Blue (89%)



- Cyan (92%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)






















- Cyan (93%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1300E2 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 1300E2 by changing the saturation by 10% instead.

 1300E2	 1300E2
 FFFFFFFF	 0000C5
 7443FF	 0000A9
 975EFF	 00008D
 B77AFF	 000472
 D895FF	 000D59
 F8B1FF	 000740
 FFCDFD	 000329
 FFEAFF	 000113
	 000000

 1300E2

 2817E2

 3C2DE2

 5144E2

 665AE2

 7A71E2

 8F88E2

 A49EE2

 B9B5E2

 CDCBE2

Harmonies

Analogous

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



0052FF



1300E2



B60091

Triad

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



1300E2



8A0C00



005D57

Complementary

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



1300E2



CFE200

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.



005A00



1300E2



404800

Square

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



1300E2



BD0000



005600



0061B6

Rectangle

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



1300E2



D00053



005600



005C36

Sweetspot

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



1300E2



B9B3FF



00CFE2



555280



000000



808080

Same Dimension

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



1300E2



1500FF



8400E2



666570



0F00B0



040030

Inverse Universe

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



E200CF



FF00EA



5EE200



70656F



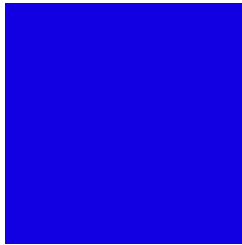
B000A1



30002C

Previews

White Background



This preview shows how the Hex color 1300E2 looks on a white background.

Color Contrast Check

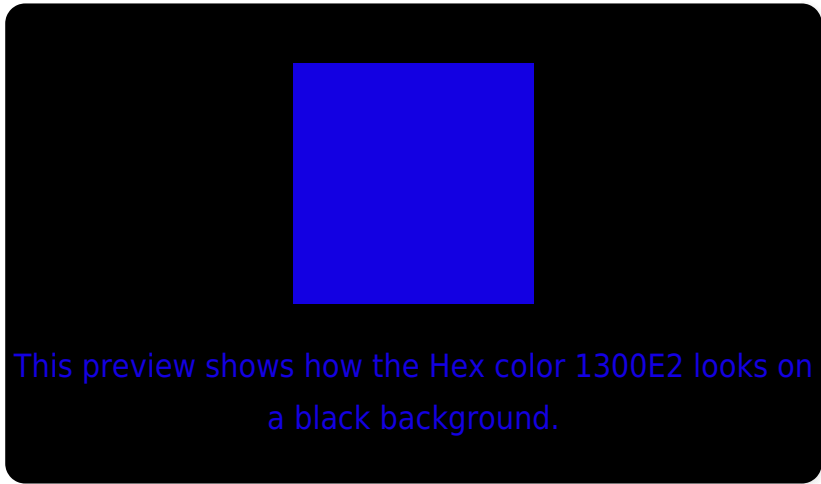
Large Text (above 18pt) WCAG AA ✓ Pass

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 1300E2 Background



This preview shows how black text looks on a background with the Hex color 1300E2.



This preview shows how white text looks on a background with the Hex color 1300E2.

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
1300E2

Protanopia
00428B

Deuteranopia
004776



Tritanopia
004C50

Trichromacy



Original Color
1300E2

Protanomaly
072AAB

Deuteranomaly
072D9D

Tritanomaly
073085

Monochromacy



Original Color
1300E2

Achromatopsia
1F1F1F

Achromatomaly
1B1466

CSS Examples

Text

The CSS property to change the color of the text to Hex 1300E2 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 #1300E2 looks like.

```
.text, #text, p{  
    color:#1300E2  
}
```

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 #1300E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1300E2
}
```

Border

The CSS property to change the border of an element to Hex 1300E2 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
#1300E2 }
```

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

```
.border{ border-color:#1300E2 }
```

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

Here you see how a box with a 4 pixel #1300E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1300E2; -webkit-box-shadow:4px 4px  
4px 4px #1300E2; box-shadow:4px 4px 4px  
4px #1300E2 }
```

Background

The CSS property to change the background color of an element to Hex 1300E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1300E2 }
```

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

```
.background{ background-color:#1300E2 }
```

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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