

Converting Colors

Hex(1200E6)

Have a look what the booklet for
Hex(1200E6) contains.

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Color

Hex(1200E6)

Conversions

Conversions Part 1

Format	Color
Hex	1200E6
RGB	18, 0, 230
RGB Percent	7%, 0%, 90%
CMY	0.9294, 1.0000, 0.0980
CMYK	0.92, 1.00, 0.00, 0.10
HSL	245°, 100%, 45%
HSV	245°, 100%, 90%
XYZ	14.5324, 5.8418, 75.2245
YIQ	31.6020, -63.1020, 75.3460

Conversions

Conversions Part 2

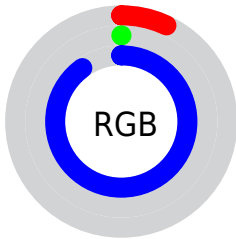
Format	Color
RYB	18, 0, 230
Decimal	1179878
CIELab	29.01, 73.36, -99.20
CIELCh	29, 123.379, 306.481
Yxy	5.8418, 0.1520, 0.0611
Android (android.graphics.Color)	4279369958 (0xFF1200E6)
YUV	31.6020, 97.8102, -11.9290
Hunter-Lab	24.1698, 65.0284, -167.6119

Details

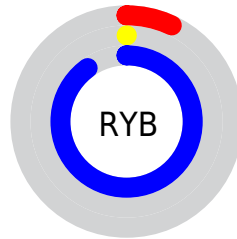
The Hex color **1200E6** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **D4E600**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **7544FF**, and **0000AC** is the 20% darker color. If you saturate the color by 10%, you get **1200E6**, and if you desaturate by 10%, it is **2717E6**.

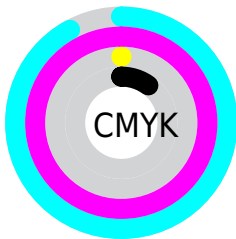
Distribution



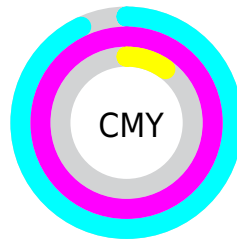
- Red (7%)
- Green (0%)
- Blue (90%)



- Red (7%)
- Yellow (0%)
- Blue (90%)



- Cyan (92%)
- Magenta (100%)
- Yellow (0%)
- Black (10%)



- Cyan (93%)
- Magenta (100%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1200E6 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 1200E6 by changing the saturation by 10% instead.

 1200E6

 1200E6

FFFFFF

 0000C9

 7544FF

 0000AC

 985FFF

 000091

 B97AFF

 000376

 D996FF

 000D5C

 F9B2FF

 000743

 FFCEFF

 00032C

 FFEBFF

 000117

 000000

 1200E6

 2717E6

 3C2EE6

 5245E6

 675CE6

 7C73E6

 918AE6

 A6A1E6

 BCB8E6

 D1CFE6

Harmonies

Analogous

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



0054FF



1200E6



B90093

Triad

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



1200E6



8D0C00



005F58

Complementary

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



1200E6



D4E600

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.



005C00



1200E6



424900

Square

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



1200E6



C10000



005800



0062B9

Rectangle

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



1200E6



D30055



005800



005E36

Sweetspot

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



1200E6



B8B3FF



00D7E6



555280



000000



808080

Same Dimension

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



1200E6



1400FF



8200E6



686773



0E00B3



040033

Inverse Universe

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



E600D4



FF00EB



64E600



736772



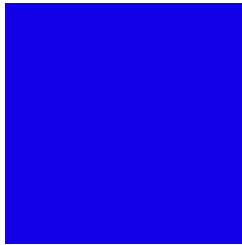
B300A5



33002F

Previews

White Background



This preview shows how the Hex color 1200E6 looks on a white background.

Color Contrast Check

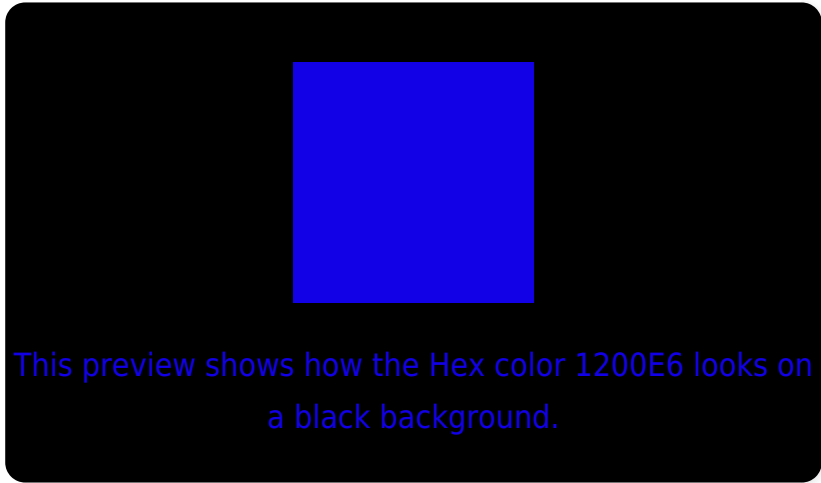
Large Text (above 18pt) WCAG AA ✓ Pass

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

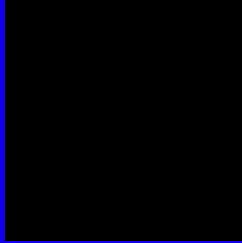
Any Text WCAG AA × Fail

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 1200E6 Background



This preview shows how black text looks on a background with the Hex color 1200E6.



This preview shows how white text looks on a background with the Hex color 1200E6.

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
1200E6

Protanopia
00448E

Deuteranopia
004878



Tritanopia
004E51

Trichromacy



Original Color
1200E6

Protanomaly
072BAE

Deuteranomaly
072EA0

Tritanomaly
073287

Monochromacy



Original Color
1200E6

Achromatopsia
202020

Achromatomaly
1B1468

CSS Examples

Text

The CSS property to change the color of the text to Hex 1200E6 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 #1200E6 looks like.

```
.text, #text, p{  
    color:#1200E6  
}
```

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 #1200E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1200E6
}
```

Border

The CSS property to change the border of an element to Hex 1200E6 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
#1200E6 }
```

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

```
.border{ border-color:#1200E6 }
```

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

Here you see how a box with a 4 pixel #1200E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1200E6; -webkit-box-shadow:4px 4px  
4px 4px #1200E6; box-shadow:4px 4px 4px  
4px #1200E6 }
```

Background

The CSS property to change the background color of an element to Hex 1200E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1200E6 }
```

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

```
.background{ background-color:#1200E6 }
```

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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