

Converting Colors

Hex(1200BF)

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

Hex(1200BF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(1200BF)

Conversions

Conversions Part 1

Format	Color
Hex	1200BF
RGB	18, 0, 191
RGB Percent	7%, 0%, 75%
CMY	0.9294, 1.0000, 0.2510
CMYK	0.91, 1.00, 0.00, 0.25
HSL	246°, 100%, 37%
HSV	246°, 100%, 75%
XYZ	9.6534, 3.8902, 49.5323
YIQ	27.1560, -50.5830, 63.2170

Conversions

Conversions Part 2

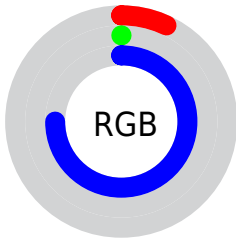
Format	Color
R_{YB}	18, 0, 191
Decimal	1179839
CIE Lab	23.31, 63.87, -86.05
CIE LCh	23, 107.161, 306.582
Yxy	3.8902, 0.1530, 0.0617
Android (android.graphics.Color)	4279369919 (0xFF1200BF)
YUV	27.1560, 80.7751, -8.0298
Hunter-Lab	19.7236, 52.8482, -135.0901

Details

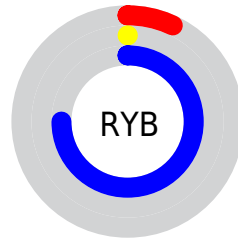
The Hex color **1200BF** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **ADB000**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **6A3EF9**, and **000088** is the 20% darker color. If you saturate the color by 10%, you get **1200BF**, and if you desaturate by 10%, it is **2313BF**.

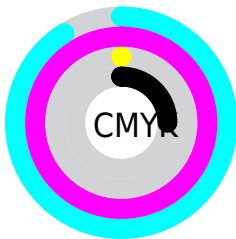
Distribution



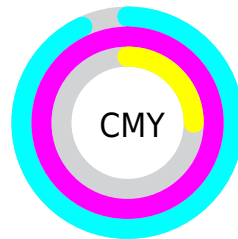
- Red (7%)
- Green (0%)
- Blue (75%)



- Red (7%)
- Yellow (0%)
- Blue (75%)



- Cyan (91%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (93%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 1200BF

 1200BF

FFFFFF

 0000A3

 6A3EF9

 000088

 8B58FF

 00006D

 AA73FF

 000B54

 CA8DFF

 00063C

 E9A9FF

 000225

 FFC5FF

 00010D

 FFE2FF

 000000

 1200BF

 2313BF

 3526BF

 4639BF

 574CBF

 6960BF

 7A73BF

 8B86BF

 9C99BF

 AEACBF

Harmonies

Analogous

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



0044E1



1200BF



9A007A

Triad

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



1200BF



740900



004E49

Complementary

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



1200BF



ADBF00

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.



004C00



1200BF



353B00

Square

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



1200BF



A00000



004800



005199

Rectangle

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



1200BF



B00045



004800



004D2C

Sweetspot

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



1200BF



B4ADF7



00AFBF



54507D



FCFCFC



7D7D7D

Same Dimension

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



1200BF



1700F7



6F00BF



56555E



0F009E



03001F

Inverse Universe

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



BF00AD



F700E0



50BF00



5E555D



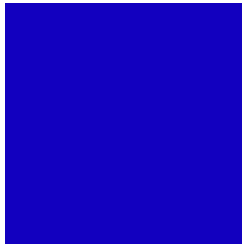
9E008F



1F001C

Previews

White Background



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

Color Contrast Check

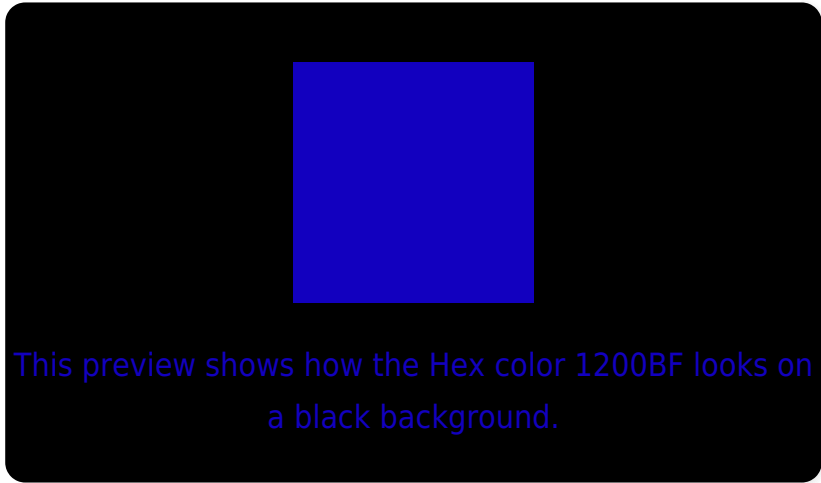
Large Text (above 18pt) WCAG AA ✓ Pass

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

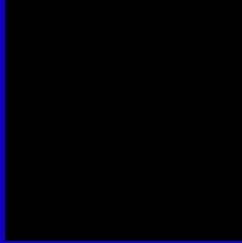
Any Text WCAG AA × Fail

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 1200BF Background



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



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

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
1200BF

Protanopia
003876

Deuteranopia
003C64

Trichromacy



Original Color
1200BF

Protanomaly
072491

Deuteranomaly
072685

Monochromacy



Original Color
1200BF

Achromatopsia
1B1B1B

Achromatomaly
181157

CSS Examples

Text

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

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

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 #1200BF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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