

Converting Colors

Hex(2100DC)

Have a look what the booklet for
Hex(2100DC) contains.

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Color

Hex(2100DC)

Conversions

Conversions Part 1

Format	Color
Hex	2100DC
RGB	33, 0, 220
RGB Percent	13%, 0%, 86%
CMY	0.8706, 1.0000, 0.1373
CMYK	0.85, 1.00, 0.00, 0.14
HSL	249°, 100%, 43%
HSV	249°, 100%, 86%
XYZ	13.5455, 5.4906, 68.0560
YIQ	34.9470, -50.9520, 75.4160

Conversions

Conversions Part 2

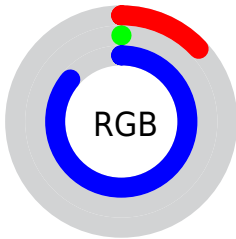
Format	Color
R_{YB}	33, 0, 220
Decimal	2162908
CIE _{Lab}	28.09, 71.13, -94.99
CIE _{LCh}	28, 118.666, 306.828
Yxy	5.4906, 0.1555, 0.0630
Android (android.graphics.Color)	4280352988 (0xFF2100DC)
YUV	34.9470, 91.2311, -1.7075
Hunter-Lab	23.4321, 62.1798, -155.7989

Details

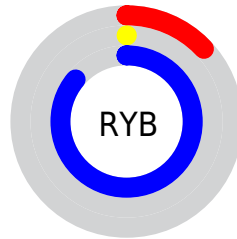
The Hex color **2100DC** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **BBDC00**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **7743FF**, and **0000A3** is the 20% darker color. If you saturate the color by 10%, you get **2100DC**, and if you desaturate by 10%, it is **3416DC**.

Distribution



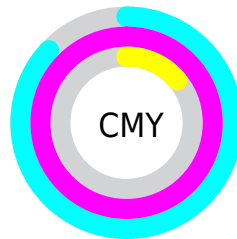
- Red (13%)
- Green (0%)
- Blue (86%)



- Red (13%)
- Yellow (0%)
- Blue (86%)



- Cyan (85%)
- Magenta (100%)
- Yellow (0%)
- Black (14%)



- Cyan (87%)
- Magenta (100%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2100DC 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 2100DC by changing the saturation by 10% instead.

■ 2100DC

■ 2100DC

FFFFFF

■ 0000BF

■ 7743FF

■ 0000A3

■ 995EFF

■ 000088

■ B979FF

■ 00046D

■ D995FF

■ 000B54

■ F9B1FF

■ 00063B

■ FFCDFE

■ 000225

■ FFEAFF

■ 00010D

■ 000000

 2100DC

 3416DC

 462CDC

 5942DC

 6C58DC

 7F6EDC

 9184DC

 A49ADC

 B7B0DC

 C9C6DC

Harmonies

Analogous

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



0051FF



2100DC



B3008D

Triad

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



2100DC



871000



005C56

Complementary

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



2100DC



BBDC00

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.



005900



2100DC



3F4700

Square

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



2100DC



B90000



005500



005FB2

Rectangle

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



2100DC



CC0051



005500



005B36

Sweetspot

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



2100DC



BEB3FF



00BBDC



585280



000000



808080

Same Dimension

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



2100DC



2600FF



8F00DC



64636E



1A00AD



07002E

Inverse Universe

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



DC00BB



FF00D9



4DDC00



6E636C



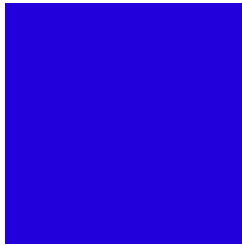
AD0093



2E0027

Previews

White Background



This preview shows how the Hex color 2100DC looks on a white background.

Color Contrast Check

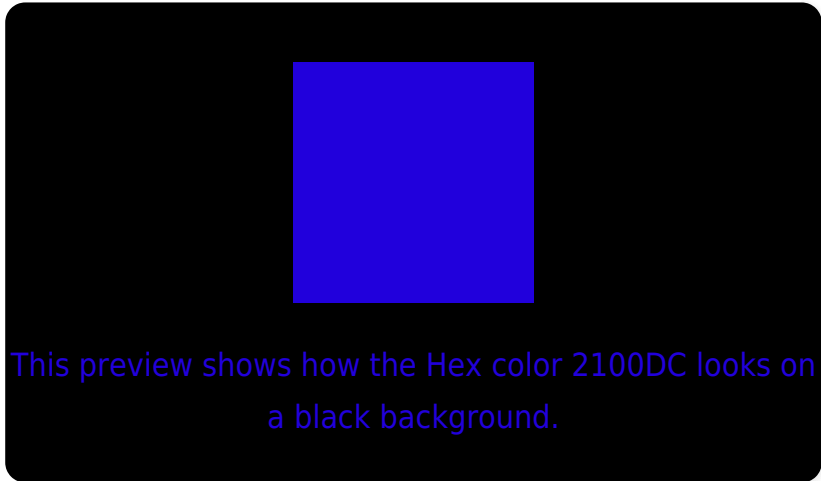
Large Text (above 18pt) WCAG AA ✓ Pass

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

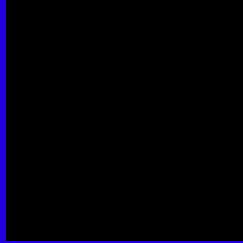
Any Text WCAG AA × Fail

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 2100DC Background



This preview shows how black text looks on a background with the Hex color 2100DC.



This preview shows how white text looks on a background with the Hex color 2100DC.

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
2100DC

Protanopia
00428A

Deuteranopia
004675



Tritanopia
004C4F

Trichromacy



Original Color
2100DC

Protanomaly
0C2AA8

Deuteranomaly
0C2D9A

Tritanomaly
0C3082

Monochromacy



Original Color
2100DC

Achromatopsia
232323

Achromatomaly
221666

CSS Examples

Text

The CSS property to change the color of the text to Hex 2100DC 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 #2100DC looks like.

```
.text, #text, p{  
    color:#2100DC  
}
```

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 #2100DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2100DC
}
```

Border

The CSS property to change the border of an element to Hex 2100DC 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".

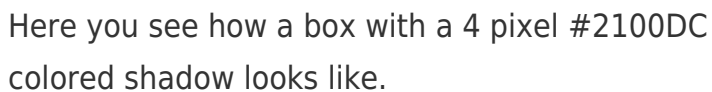
```
.border, #border, table{ border:4px solid
#2100DC }
```

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

```
.border{ border-color:#2100DC }
```

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

Here you see how a box with a 4 pixel #2100DC colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2100DC; -webkit-box-shadow:4px 4px  
4px 4px #2100DC; box-shadow:4px 4px 4px  
4px #2100DC }
```

Background

The CSS property to change the background color of an element to Hex 2100DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2100DC }
```

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

```
.background{ background-color:#2100DC }
```

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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