

# Converting Colors

Hex(2100B6)

Have a look what the booklet for  
Hex(2100B6) contains.

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**Color**

**Hex(2100B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2100B6
RGB	33, 0, 182
RGB Percent	13%, 0%, 71%
CMY	0.8706, 1.0000, 0.2863
CMYK	0.82, 1.00, 0.00, 0.29
HSL	251°, 100%, 36%
HSV	251°, 100%, 71%
XYZ	9.0707, 3.7007, 44.4922
YIQ	30.6150, -38.7540, 63.5980

# Conversions

## Conversions Part 2

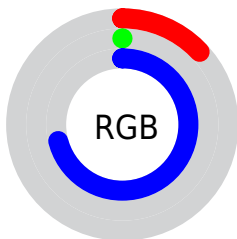
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 0, 182
Decimal	2162870
CIE <sub>Lab</sub>	22.66, 61.87, -81.76
CIE <sub>LCh</sub>	23, 102.534, 307.114
Yxy	3.7007, 0.1584, 0.0646
Android (android.graphics.Color)	4280352950 (0xFF2100B6)
YUV	30.6150, 74.6328, 2.0916
Hunter-Lab	19.2373, 50.5004, -123.6604

# Details

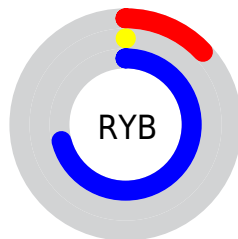
The Hex color **2100B6** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **95B600**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **6D3EEF**, and **00007F** is the 20% darker color. If you saturate the color by 10%, you get **2100B6**, and if you desaturate by 10%, it is **3012B6**.

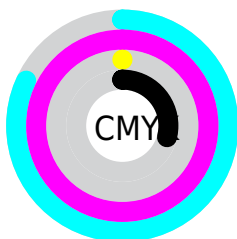
# Distribution



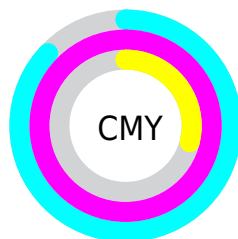
- Red (13%)
- Green (0%)
- Blue (71%)



- Red (13%)
- Yellow (0%)
- Blue (71%)



- Cyan (82%)
- Magenta (100%)
- Yellow (0%)
- Black (29%)



- Cyan (87%)
- Magenta (100%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2100B6 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 2100B6 by changing the saturation by 10% instead.




 2100B6

 2100B6


FFFEFF

 00009A

 6D3EEF

 00007F

 8D58FF

 000065

 AC72FF

 00094C

 CB8DFF

 000434

 E9A8FF

 00021E

 FFC4FF

 000000

 FFE1FF

 2100B6

 3012B6

 3F24B6

 4E37B6

 5D49B6

 6C5BB6

 7A6DB6

 897FB6

 9892B6

 A7A4B6

# Harmonies

## Analogous

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



0042D7



2100B6



950074

# Triad

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



2100B6



6F0E00



004C48

# Complementary

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



2100B6



95B600

# 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.



004A00



2100B6



333A00

# Square

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



2100B6



990000



004600



004F94

# Rectangle

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



2100B6



A90042



004600



004B2D



# Sweetspot

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



2100B6



B3A6ED



0098B6



554D78



F7F7F7



787878



# Same Dimension

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



2100B6



2B00ED



7900B6



54535C



1C009C



05001C



# Inverse Universe

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



B60095



ED00C2



3DB600



5C535A



9C007F

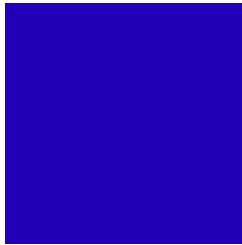


1C0017



# Previews

## White Background



This preview shows how the Hex color 2100B6 looks on a white background.

## Color Contrast Check

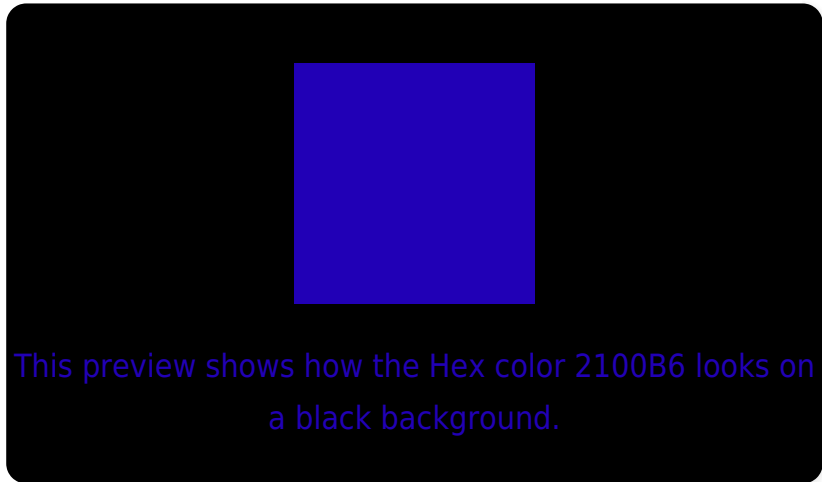
Large Text (above 18pt) WCAG AA ✓ Pass

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

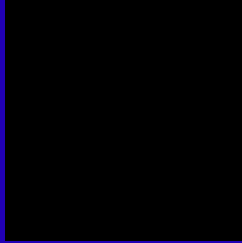
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2100B6 Background



This preview shows how black text looks on a background with the Hex color 2100B6.



This preview shows how white text looks on a background with the Hex color 2100B6.

# 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**  
2100B6

**Protanopia**  
003773

**Deuteranopia**  
003B61



**Tritanopia**  
003F42

# Trichromacy



**Original Color**  
2100B6

**Protanomaly**  
0C238B

**Deuteranomaly**  
0C2680

**Tritanomaly**  
0C286C

# Monochromacy



**Original Color**  
2100B6

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
201456

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2100B6 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 #2100B6 looks like.

```
.text, #text, p{  
    color:#2100B6  
}
```

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 #2100B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2100B6
}
```

## Border

The CSS property to change the border of an element to Hex 2100B6 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
#2100B6 }
```

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

```
.border{ border-color:#2100B6 }
```

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

Here you see how a box with a 4 pixel #2100B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2100B6; -webkit-box-shadow:4px 4px  
4px 4px #2100B6; box-shadow:4px 4px 4px  
4px #2100B6 }
```

# Background

The CSS property to change the background color of an element to Hex 2100B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2100B6 }
```

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

```
.background{ background-color:#2100B6 }
```

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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