

# Converting Colors

Hex(2100F6)

Have a look what the booklet for  
Hex(2100F6) contains.

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# Color

**Hex(2100F6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2100F6
RGB	33, 0, 246
RGB Percent	13%, 0%, 96%
CMY	0.8706, 1.0000, 0.0353
CMYK	0.87, 1.00, 0.00, 0.04
HSL	248°, 100%, 48%
HSV	248°, 100%, 96%
XYZ	17.2618, 6.9772, 87.6257
YIQ	37.9110, -59.2980, 83.5020

# Conversions

## Conversions Part 2

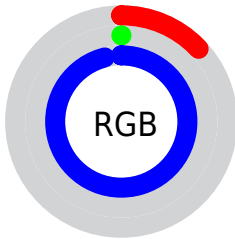
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 0, 246
Decimal	2162934
CIE Lab	31.75, 77.31, -103.70
CIE LCh	32, 129.344, 306.707
Yxy	6.9772, 0.1543, 0.0624
Android (android.graphics.Color)	4280353014 (0xFF2100F6)
YUV	37.9110, 102.5879, -4.3069
Hunter-Lab	26.4143, 70.4248, -178.1962

# Details

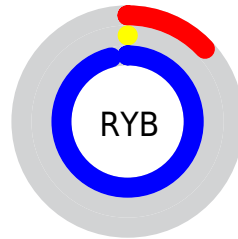
The Hex color **2100F6** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **D5F600**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **7E47FF**, and **0000BC** is the 20% darker color. If you saturate the color by 10%, you get **2100F6**, and if you desaturate by 10%, it is **3619F6**.

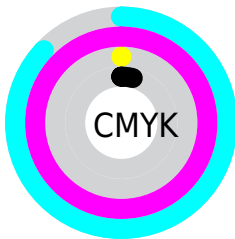
# Distribution



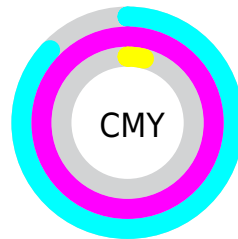
- Red (13%)
- Green (0%)
- Blue (96%)



- Red (13%)
- Yellow (0%)
- Blue (96%)



- Cyan (87%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)



- Cyan (87%)
- Magenta (100%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2100F6 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 2100F6 by changing the saturation by 10% instead.



 2100F6

 2100F6

FFFFFF

 0000D9

 7E47FF

 0000BC

 A163FF

 0000A0

 C27EFF

 000084

 E39AFF

 00116A

 FFB6FF

 000A50

 FFD3FF

 000538

 FFF0FF

 000222

 000008

 2100F6

 3619F6

 4C31F6

 614AF6

 7662F6

 8B7BF6

 A194F6

 B6ACF6

 CBC5F6

 E1DDF6

# Harmonies

## Analogous

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



005BFF



2100F6



C8009E

# Triad

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



2100F6



971200



006661

# Complementary

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



2100F6



D5F600

# 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.



006400



2100F6



475000

# Square

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



2100F6



CF0000



005F00



006BC7

# Rectangle

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



2100F6



E3005B



005F00



00653D



# Sweetspot

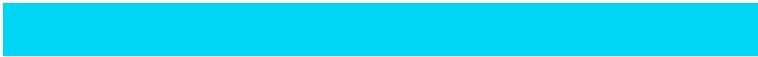
The Sweet Spot groups the original color and five complimentary colors.



2100F6



BDB3FF



00D5F6



585280



000000



808080



# Same Dimension

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



2100F6



2200FF



9C00F6



706E7A



1900BA



08003B



# Inverse Universe

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



F600D5



FF00DD



5AF600



7A6E79



BA00A1

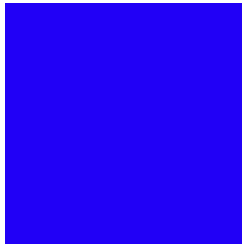


3B0033



# Previews

## White Background



This preview shows how the Hex color 2100F6 looks on a white background.

## Color Contrast Check

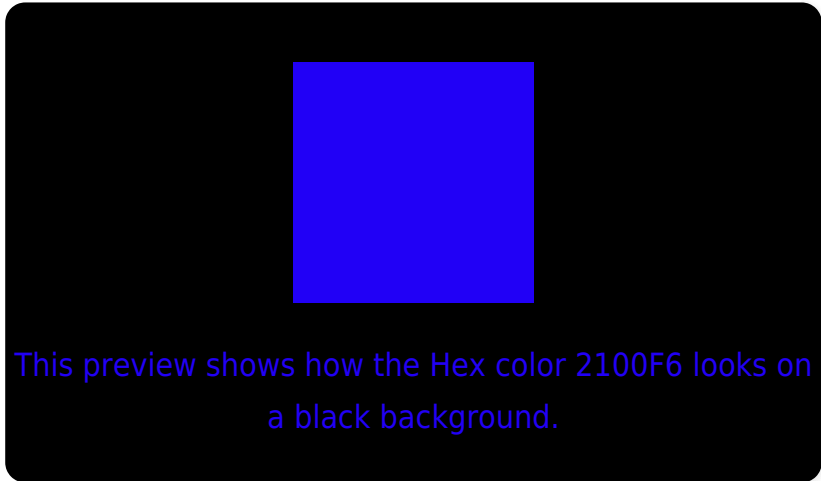
Large Text (above 18pt) WCAG AA ✓ Pass

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 2100F6 Background



This preview shows how black text looks on a background with the Hex color 2100F6.



This preview shows how white text looks on a background with the Hex color 2100F6.

# 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**  
2100F6

**Protanopia**  
004999

**Deuteranopia**  
004E82



# Trichromacy



**Original Color**  
2100F6

**Protanomaly**  
0C2EBB

**Deuteranomaly**  
0C32AC

**Tritanomaly**  
0C3591

# Monochromacy



**Original Color**  
2100F6

**Achromatopsia**  
262626

**Achromatomaly**  
241872

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2100F6 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 #2100F6 looks like.

```
.text, #text, p{  
    color:#2100F6  
}
```

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 #2100F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2100F6  
}
```

## Border

The CSS property to change the border of an element to Hex 2100F6 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".

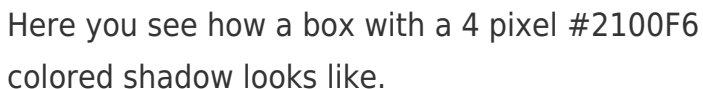
```
.border, #border, table{ border:4px solid  
#2100F6 }
```

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

```
.border{ border-color:#2100F6 }
```

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

Here you see how a box with a 4 pixel #2100F6 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2100F6; -webkit-box-shadow:4px 4px  
4px 4px #2100F6; box-shadow:4px 4px 4px  
4px #2100F6 }
```

# Background

The CSS property to change the background color of an element to Hex 2100F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2100F6 }
```

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

```
.background{ background-color:#2100F6 }
```

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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