

# Converting Colors

Hex(2105FA)

Have a look what the booklet for  
Hex(2105FA) contains.

<b>Hex(2105FA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(2105FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2105FA
RGB	33, 5, 250
RGB Percent	13%, 2%, 98%
CMY	0.8706, 0.9804, 0.0196
CMYK	0.87, 0.98, 0.00, 0.02
HSL	247°, 96%, 50%
HSV	247°, 98%, 98%
XYZ	17.9368, 7.3340, 90.9127
YIQ	41.3020, -61.9570, 82.1310

# Conversions

## Conversions Part 2

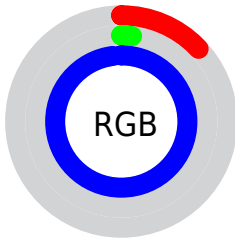
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 5, 250
Decimal	2164218
CIELab	32.56, 77.50, -104.61
CIELCh	33, 130.195, 306.534
Yxy	7.3340, 0.1544, 0.0631
Android (android.graphics.Color)	4280354298 (0xFF2105FA)
YUV	41.3020, 102.8881, -7.2809
Hunter-Lab	27.0814, 70.8335, -180.0808

# Details

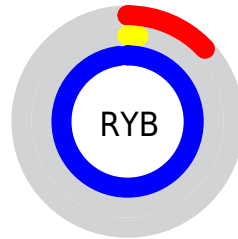
The Hex color **2105FA** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **DEFA05**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **7F49FF**, and **0000C0** is the 20% darker color. If you saturate the color by 10%, you get **1D00FA**, and if you desaturate by 10%, it is **371EFA**.

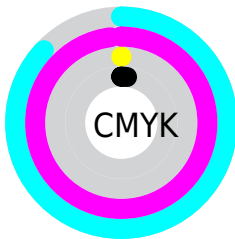
# Distribution



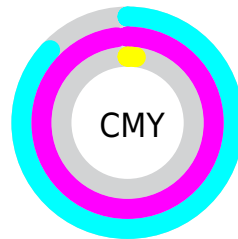
- Red (13%)
- Green (2%)
- Blue (98%)



- Red (13%)
- Yellow (2%)
- Blue (98%)



- Cyan (87%)
- Magenta (98%)
- Yellow (0%)
- Black (2%)



- Cyan (87%)
- Magenta (98%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2105FA 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 2105FA by changing the saturation by 10% instead.



 2105FA

 2105FA

FFFFFF

 0000DC

 7F49FF

 0000C0

 A265FF

 0000A3

 C380FF

 000088

 E49CFF

 00116D

 FFB9FF

 000B54

 FFD5FF

 00063C

 FFF3FF

 000225

 00010D

■ 2105FA

■ 2105FA

■ 1D00FA

■ 371EFA

■ 4D37FA

■ 6350FA

■ 7A69FA

■ 9082FA

■ A69BFA

■ BCB4FA

■ D2CDFA

■ E8E6FA

# Harmonies

## Analogous

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



005DFF



2105FA



CA00A1

# Triad

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



2105FA



9B1300



006962

# Complementary

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



2105FA



DEFA05

# 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.



006600



2105FA



4A5200

# Square

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



2105FA



D30000



006100



006DCA

# Rectangle

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



2105FA



E7005E



006100



00683E



# Sweetspot

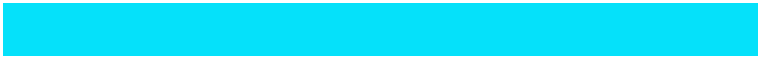
The Sweet Spot groups the original color and five complimentary colors.



2105FA



BEB5FF



05E1FA



585380



000000



808080



# Same Dimension

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



2105FA



1D00FF



9805FA



72707D



1600BD



07003D



# Inverse Universe

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



FA05DE



FF00E2



67FA05



7D707C



BD00A7

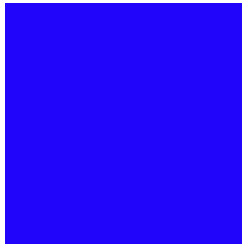


3D0036



# Previews

## White Background



This preview shows how the Hex color 2105FA looks on a white background.

## Color Contrast Check

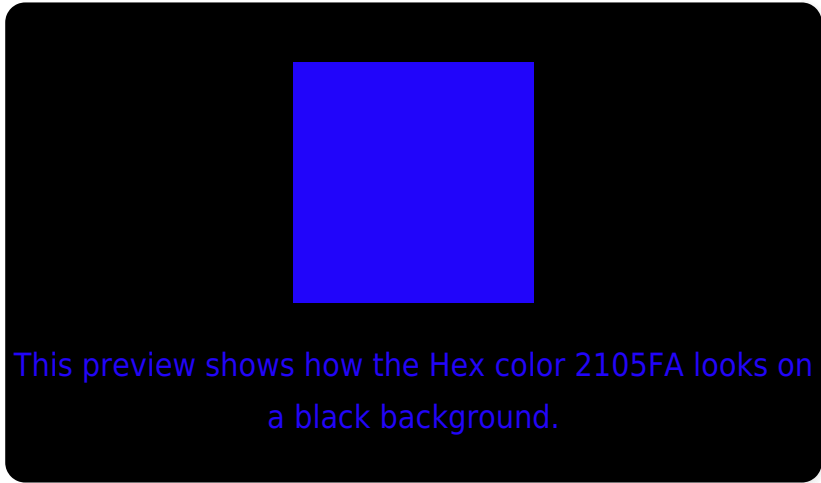
Large Text (above 18pt) WCAG AA ✓ Pass

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 2105FA Background



This preview shows how black text looks on a background with the Hex color 2105FA.



This preview shows how white text looks on a background with the Hex color 2105FA.

# 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**  
2105FA

**Protanopia**  
004A9C

**Deuteranopia**  
004F84



# Trichromacy



**Original Color**  
2105FA

**Protanomaly**  
0C31BE

**Deuteranomaly**  
0C34AF

**Tritanomaly**  
0C3894

# Monochromacy



**Original Color**  
2105FA

**Achromatopsia**  
292929

**Achromatomaly**  
261C75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2105FA 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 #2105FA looks like.

```
.text, #text, p{  
    color:#2105FA  
}
```

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 #2105FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2105FA
}
```

## Border

The CSS property to change the border of an element to Hex 2105FA 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".

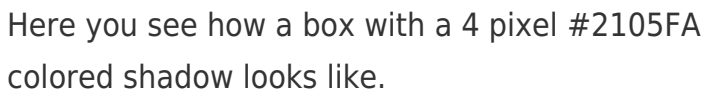
```
.border, #border, table{ border:4px solid
#2105FA }
```

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

```
.border{ border-color:#2105FA }
```

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

Here you see how a box with a 4 pixel #2105FA colored shadow looks like.

A rectangular box with a 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 #2105FA; -webkit-box-shadow:4px 4px  
4px 4px #2105FA; box-shadow:4px 4px 4px  
4px #2105FA }
```

# Background

The CSS property to change the background color of an element to Hex 2105FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2105FA }
```

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

```
.background{ background-color:#2105FA }
```

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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