

# Converting Colors

Hex(2D0FE5)

Have a look what the booklet for  
Hex(2D0FE5) contains.

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# Color

Hex(2D0FE5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2D0FE5
RGB	45, 15, 229
RGB Percent	18%, 6%, 90%
CMY	0.8235, 0.9412, 0.1020
CMYK	0.80, 0.93, 0.00, 0.10
HSL	248°, 88%, 48%
HSV	248°, 93%, 90%
XYZ	15.3959, 6.5567, 74.5829
YIQ	48.3660, -50.8140, 72.9140

# Conversions

## Conversions Part 2

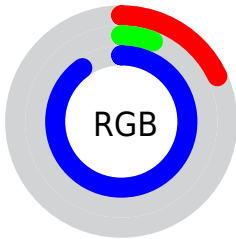
Format	Color
R <sub>Y</sub> B	45, 15, 229
Decimal	2953189
CIE Lab	30.78, 70.94, -95.65
CIE LCh	31, 119.088, 306.561
Yxy	6.5567, 0.1595, 0.0679
Android (android.graphics.Color)	4281143269 (0xFF2D0FE5)
YUV	48.3660, 89.0526, -2.9520
Hunter-Lab	25.6060, 62.5144, -154.7703

# Details

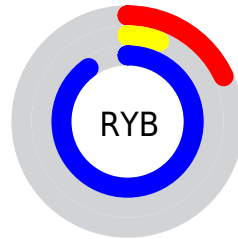
The Hex color **2D0FE5** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **C7E50F**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **7E4BFF**, and **0000AC** is the 20% darker color. If you saturate the color by 10%, you get **2000E5**, and if you desaturate by 10%, it is **4126E5**.

# Distribution



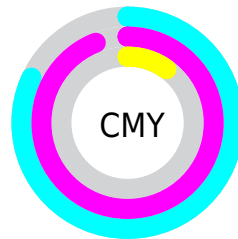
- Red (18%)
- Green (6%)
- Blue (90%)



- Red (18%)
- Yellow (6%)
- Blue (90%)



- Cyan (80%)
- Magenta (93%)
- Yellow (0%)
- Black (10%)



- Cyan (82%)
- Magenta (94%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D0FE5 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 2D0FE5 by changing the saturation by 10% instead.



■ 2D0FE5

■ 2D0FE5

FFFFFF

■ 0000C8

■ 7E4BFF

■ 0000AC

■ 9F66FF

■ 000090

■ C081FF

■ 000075

■ E09DFF

■ 000D5B

■ FFB9FF

■ 000743

■ FFD5FF

■ 00032C

■ FFF2FF

■ 000116

■ 000000

■ 2D0FE5

■ 2D0FE5

■ 2000E5

■ 4126E5

■ 543DE5

■ 6854E5

■ 7C6BE5

■ 8F82E5

■ A398E5

■ B7AFE5

■ CBC6E5

■ DEDDE5

# Harmonies

## Analogous

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



0056FF



2D0FE5



BB0095

# Triad

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



2D0FE5



901800



00635C

# Complementary

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



2D0FE5



C7E50F

# 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.



006000



2D0FE5



474D00

# Square

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



2D0FE5



C30000



005C00



0066BA

# Rectangle

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



2D0FE5



D50058



005C00



00623B



# Sweetspot

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



2D0FE5



C2B8FF



0FC8E5



5A5480



000000



808080



# Same Dimension

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



2D0FE5



2400FF



970FE5



696773



1900B3



070033



# Inverse Universe

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



E50FC7



FF00DB



5DE50F



736771



B30099

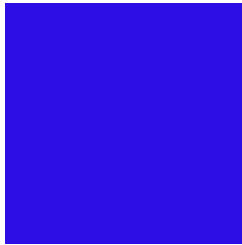


33002C



# Previews

## White Background



This preview shows how the Hex color 2D0FE5 looks on a white background.

## Color Contrast Check

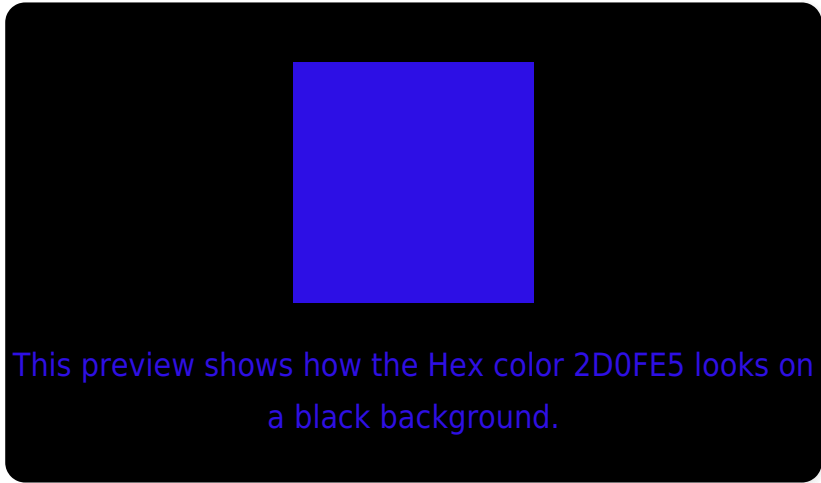
Large Text (above 18pt) WCAG AA ✓ Pass

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

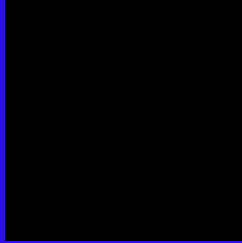
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2D0FE5 Background



This preview shows how black text looks on a background with the Hex color 2D0FE5.



This preview shows how white text looks on a background with the Hex color 2D0FE5.

# 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





# Trichromacy



**Original Color**  
2D0FE5

**Protanomaly**  
1032B1

**Deuteranomaly**  
1035A3

**Tritanomaly**  
103989

# Monochromacy



**Original Color**  
2D0FE5

**Achromatopsia**  
303030

**Achromatomaly**  
2F2472

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D0FE5 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 #2D0FE5 looks like.

```
.text, #text, p{  
    color:#2D0FE5  
}
```

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 #2D0FE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D0FE5
}
```

## Border

The CSS property to change the border of an element to Hex 2D0FE5 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
#2D0FE5 }
```

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

```
.border{ border-color:#2D0FE5 }
```

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

Here you see how a box with a 4 pixel #2D0FE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D0FE5; -webkit-box-shadow:4px 4px  
4px 4px #2D0FE5; box-shadow:4px 4px 4px  
4px #2D0FE5 }
```

# Background

The CSS property to change the background color of an element to Hex 2D0FE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D0FE5 }
```

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

```
.background{ background-color:#2D0FE5 }
```

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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