

Converting Colors

Hex(2D4CFE)

Have a look what the booklet for
Hex(2D4CFE) contains.

Hex(2D4CFE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2D4CFE)

Conversions

Conversions Part 1

Format	Color
Hex	2D4CFE
RGB	45, 76, 254
RGB Percent	18%, 30%, 100%
CMY	0.8235, 0.7020, 0.0039
CMYK	0.82, 0.70, 0.00, 0.00
HSL	231°, 99%, 59%
HSV	231°, 82%, 100%
XYZ	21.5560, 12.8825, 95.1164
YIQ	87.0230, -75.6140, 48.7860

Conversions

Conversions Part 2

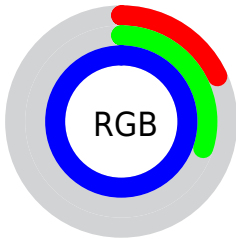
Format	Color
R_{YB}	45, 72, 254
Decimal	2968830
CIE _{Lab}	42.59, 52.39, -90.18
CIE _{LCh}	43, 104.293, 300.155
Yxy	12.8825, 0.1664, 0.0994
Android (android.graphics.Color)	4281158910 (0xFF2D4CFE)
YUV	87.0230, 82.3197, -36.8542
Hunter-Lab	35.8922, 44.3914, -131.9971

Details

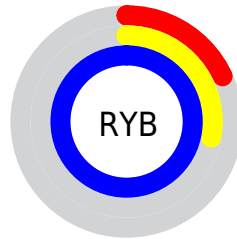
The Hex color **2D4CFE** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **FEDF2D**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **807EFF**, and **001FC4** is the 20% darker color. If you saturate the color by 10%, you get **1436FE**, and if you desaturate by 10%, it is **4662FE**.

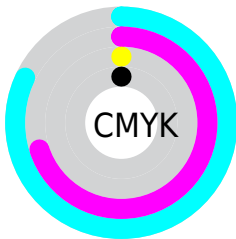
Distribution



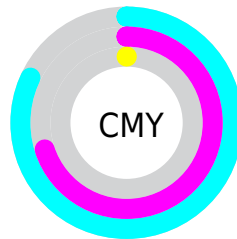
- Red (18%)
- Green (30%)
- Blue (100%)



- Red (18%)
- Yellow (28%)
- Blue (100%)



- Cyan (82%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)



- Cyan (82%)
- Magenta (70%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D4CFE 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 2D4CFE by changing the saturation by 10% instead.

 2D4CFE

 2D4CFE

FFFFFF

 0035E1

 807EFF

 001FC4

 A298FF

 000BA8

 C2B3FF

 00008C

 E2CFFF

 000672

 FFE8FF

 000C58

 00073F

 000329

 000112

■ 2D4CFE

■ 2D4CFE

■ 1436FE

■ 4662FE

■ 0026FE

■ 6077FE

■ 798DFE

■ 93A3FE

■ ACB8FE

■ C5CEFE

■ DFE3FE

■ F8F9FE

FFFFFE

Harmonies

Analogous

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



0073FF



2D4CFE



C400BC

Triad

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



2D4CFE



BB3400



008263

Complementary

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



2D4CFE



FEDF2D

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.



007F00



2D4CFE



7B6200

Square

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



2D4CFE



E50015



007600



0084BB

Rectangle

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



2D4CFE



E60085



007600



008144

Sweetspot

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



2D4CFE



BFC9FF



2DFEDF



595F80



000000



808080

Same Dimension

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



2D4CFE



0328FF



762DFE



737580



001CBF



000940

Inverse Universe

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



FE2D4C



FF0328



B5FE2D



807375



BF001C



400009

Previews

White Background



This preview shows how the Hex color 2D4CFE looks on a white background.

Color Contrast Check

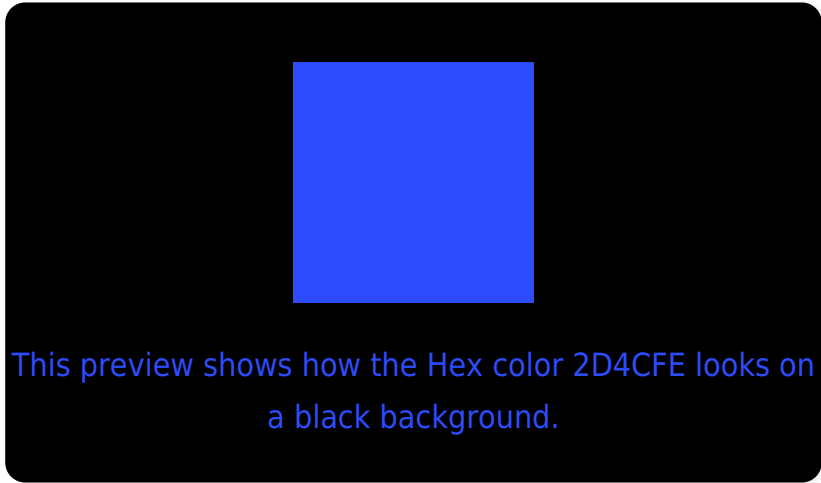
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

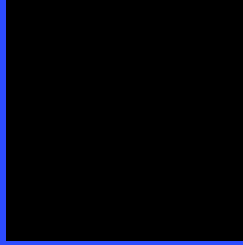
Any Text WCAG AA × Fail

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 2D4CFE Background



This preview shows how black text looks on a background with the Hex color 2D4CFE.



This preview shows how white text looks on a background with the Hex color 2D4CFE.

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





Tritanopia
006E75

Trichromacy



Original Color
2D4CFE

Protanomaly
1059DD

Deuteranomaly
105DCA

Tritanomaly
1062A7

Monochromacy



Original Color
2D4CFE

Achromatopsia
575757

Achromatomaly
485394

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D4CFE 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 #2D4CFE looks like.

```
.text, #text, p{  
    color:#2D4CFE  
}
```

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 #2D4CFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D4CFE
}
```

Border

The CSS property to change the border of an element to Hex 2D4CFE 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
#2D4CFE }
```

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

```
.border{ border-color:#2D4CFE }
```

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

Here you see how a box with a 4 pixel #2D4CFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D4CFE; -webkit-box-shadow:4px 4px  
4px 4px #2D4CFE; box-shadow:4px 4px 4px  
4px #2D4CFE }
```

Background

The CSS property to change the background color of an element to Hex 2D4CFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D4CFE }
```

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

```
.background{ background-color:#2D4CFE }
```

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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