

Converting Colors

Hex(253FDD)

Have a look what the booklet for
Hex(253FDD) contains.

| | |
|--|----|
| Hex(253FDD) | 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(253FDD)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 253FDD |
| RGB | 37, 63, 221 |
| RGB Percent | 15%, 25%, 87% |
| CMY | 0.8549, 0.7529, 0.1333 |
| CMYK | 0.83, 0.71, 0.00, 0.13 |
| HSL | 232°, 73%, 51% |
| HSV | 232°, 83%, 87% |
| XYZ | 15.5916, 9.1688, 69.3546 |
| YIQ | 73.2380, -66.2140, 43.6260 |

Conversions

Conversions Part 2

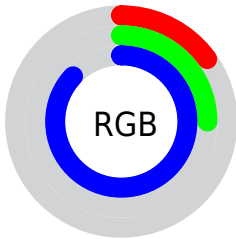
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 37, 60, 221 |
| Decimal | 2441181 |
| CIE _{Lab} | 36.31, 48.25, -81.90 |
| CIE _{LCh} | 36, 95.051, 300.502 |
| Yxy | 9.1688, 0.1657, 0.0974 |
| Android (android.graphics.Color) | 4280631261 (0xFF253FDD) |
| YUV | 73.2380, 72.8467, -31.7807 |
| Hunter-Lab | 30.2800, 38.9222, -114.6043 |

Details

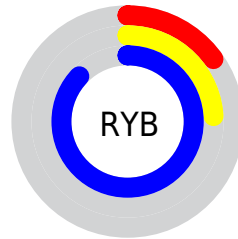
The Hex color **253FDD** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **DDC325**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7570FF**, and **0013A4** is the 20% darker color. If you saturate the color by 10%, you get **0F2CDD**, and if you desaturate by 10%, it is **3B52DD**.

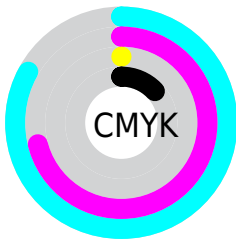
Distribution



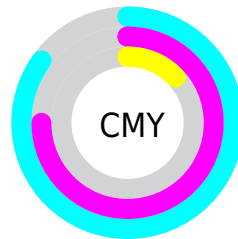
- Red (15%)
- Green (25%)
- Blue (87%)



- Red (15%)
- Yellow (24%)
- Blue (87%)



- Cyan (83%)
- Magenta (71%)
- Yellow (0%)
- Black (13%)



- Cyan (85%)
- Magenta (75%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253FDD 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 253FDD by changing the saturation by 10% instead.

 253FDD

 253FDD

FFFFFF

 0028C0

 7570FF

 0013A4

 9689FF

 000389

 B5A4FF

 00006F

 D4BFFF


 000C55

 F4DBFF

 00063D

 FFF8FF

 000326

 00010F

 000000

■ 253FDD

■ 253FDD

■ 0F2CDD

■ 3B52DD

■ 001FDD

■ 5165DD

■ 6778DD

■ 7D8BDD

■ 949EDD

■ AAB1DD

■ C0C4DD

■ D6D7DD

■ ECEADD

Harmonies

Analogous

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



0062F4



253FDD



AB00A2

Triad

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



253FDD



A12A00



006F55

Complementary

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



253FDD



DDC325

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.



006C00



253FDD



685400

Square

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



253FDD



C7000D



006500



0071A3

Rectangle

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



253FDD



C80071



006500



006F3A

Sweetspot

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



253FDD



BFC8FF



25DDC1



595F80



000000



808080

Same Dimension

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



253FDD



0024FF



6525DD



63646E



0019AD



00062E

Inverse Universe

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



DD253F



FF0024



9DDD25



6E6364



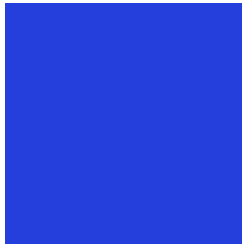
AD0019



2E0006

Previews

White Background



This preview shows how the Hex color 253FDD looks on a white background.

Color Contrast Check

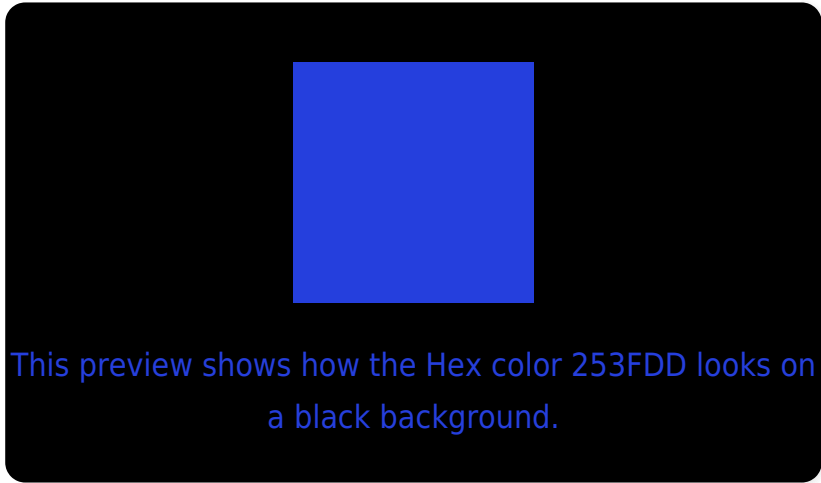
Large Text (above 18pt) WCAG AA ✓ Pass

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

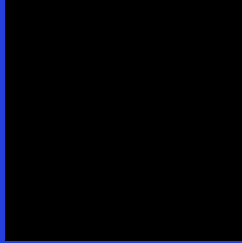
Any Text WCAG AA × Fail

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 253FDD Background



This preview shows how black text looks on a background with the Hex color 253FDD.



This preview shows how white text looks on a background with the Hex color 253FDD.

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
005E63

Trichromacy



Original Color
253FDD

Protanomaly
0D4BBE

Deuteranomaly
0D4EAE

Tritanomaly
0D538F

Monochromacy



Original Color
253FDD

Achromatopsia
494949

Achromatomaly
3C457F

CSS Examples

Text

The CSS property to change the color of the text to Hex 253FDD 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 #253FDD looks like.

```
.text, #text, p{  
    color:#253FDD  
}
```

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 #253FDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253FDD
}
```

Border

The CSS property to change the border of an element to Hex 253FDD 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
#253FDD }
```

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

```
.border{ border-color:#253FDD }
```

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

Here you see how a box with a 4 pixel #253FDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #253FDD; -webkit-box-shadow:4px 4px  
4px 4px #253FDD; box-shadow:4px 4px 4px  
4px #253FDD }
```

Background

The CSS property to change the background color of an element to Hex 253FDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253FDD }
```

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

```
.background{ background-color:#253FDD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor