

Converting Colors

Hex(254BDD)

Have a look what the booklet for
Hex(254BDD) contains.

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Color

Hex(254BDD)

Conversions

Conversions Part 1

Format	Color
Hex	254BDD
RGB	37, 75, 221
RGB Percent	15%, 29%, 87%
CMY	0.8549, 0.7059, 0.1333
CMYK	0.83, 0.66, 0.00, 0.13
HSL	228°, 73%, 51%
HSV	228°, 83%, 87%
XYZ	16.3302, 10.6459, 69.6008
YIQ	80.2820, -69.5140, 37.3500

Conversions

Conversions Part 2

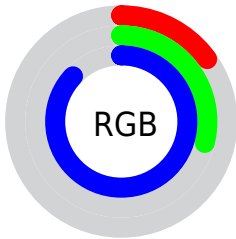
Format	Color
RYB	37, 68, 221
Decimal	2444253
CIELab	38.98, 40.99, -77.50
CIElCh	39, 87.669, 297.876
Yxy	10.6459, 0.1691, 0.1102
Android (android.graphics.Color)	4280634333 (0xFF254BDD)
YUV	80.2820, 69.3740, -37.9583
Hunter-Lab	32.6281, 32.2390, -103.6351

Details

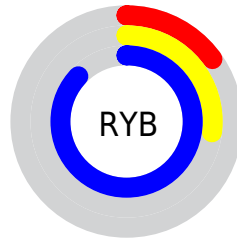
The Hex color **254BDD** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **DDB725**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **747CFF**, and **0020A5** is the 20% darker color. If you saturate the color by 10%, you get **0F39DD**, and if you desaturate by 10%, it is **3B5DDD**.

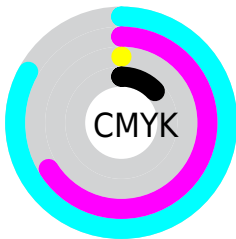
Distribution



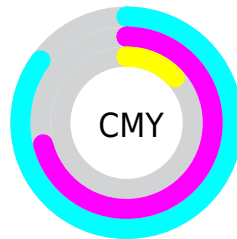
- Red (15%)
- Green (29%)
- Blue (87%)



- Red (15%)
- Yellow (27%)
- Blue (87%)



- Cyan (83%)
- Magenta (66%)
- Yellow (0%)
- Black (13%)



- Cyan (85%)
- Magenta (71%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 254BDD 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 254BDD by changing the saturation by 10% instead.

 254BDD

 254BDD

FFFFFF

 0034C0


 747CFF

 0020A5

 9496FF

 000E89

 B4B0FF

 00006F

 D3CCFF

 000C55

 F2E8FF

 00063D

 000326

 000110

 000000

■ 254BDD

■ 254BDD

■ 0F39DD

■ 3B5DDD

■ 002EDD

■ 516EDD

■ 6780DD

■ 7D91DD

■ 94A3DD

■ AAB4DD

■ C0C6DD

■ D6D7DD

■ ECE9DD

Harmonies

Analogous

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



0069EE



254BDD



A700A9

Triad

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



254BDD



A93200



007555

Complementary

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



254BDD



DDB725

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.



007200



254BDD



755800

Square

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



254BDD



CA001F



296A00



00779E

Rectangle

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



254BDD



C6007C



296A00



00753B

Sweetspot

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



254BDD



BFCCFF



25DDB5



596180



000000



808080

Same Dimension

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



254BDD



0035FF



5925DD



63656E



0024AD



00092E

Inverse Universe

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



DD254B



FF0035



A9DD25



6E6365



AD0024



2E0009

Previews

White Background



This preview shows how the Hex color 254BDD looks on a white background.

Color Contrast Check

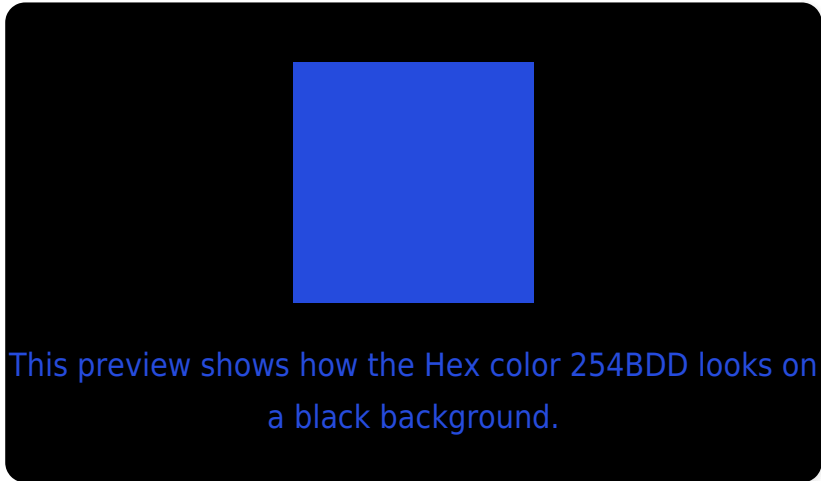
Large Text (above 18pt) WCAG AA ✓ Pass

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

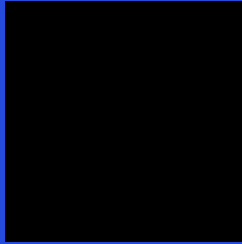
Any Text WCAG AA × Fail

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 254BDD Background



This preview shows how black text looks on a background with the Hex color 254BDD.

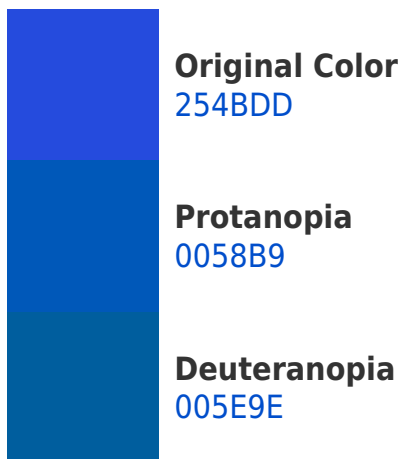


This preview shows how white text looks on a background with the Hex color 254BDD.

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
00656B

Trichromacy



Original Color
254BDD

Protanomaly
0D53C6

Deuteranomaly
0D57B5

Tritanomaly
0D5C94

Monochromacy



Original Color
254BDD

Achromatopsia
505050

Achromatomaly
404E83

CSS Examples

Text

The CSS property to change the color of the text to Hex 254BDD 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 #254BDD looks like.

```
.text, #text, p{  
    color:#254BDD  
}
```

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 #254BDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254BDD
}
```

Border

The CSS property to change the border of an element to Hex 254BDD 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
#254BDD }
```

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

```
.border{ border-color:#254BDD }
```

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

Here you see how a box with a 4 pixel #254BDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254BDD; -webkit-box-shadow:4px 4px  
4px 4px #254BDD; box-shadow:4px 4px 4px  
4px #254BDD }
```

Background

The CSS property to change the background color of an element to Hex 254BDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254BDD }
```

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

```
.background{ background-color:#254BDD }
```

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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