

Converting Colors

Hex(253BDA)

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

Hex(253BDA)	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(253BDA)

Conversions

Conversions Part 1

Format	Color
Hex	253BDA
RGB	37, 59, 218
RGB Percent	15%, 23%, 85%
CMY	0.8549, 0.7686, 0.1451
CMYK	0.83, 0.73, 0.00, 0.15
HSL	233°, 71%, 50%
HSV	233°, 83%, 85%
XYZ	14.9818, 8.5832, 67.1968
YIQ	70.5480, -64.1510, 44.7850

Conversions

Conversions Part 2

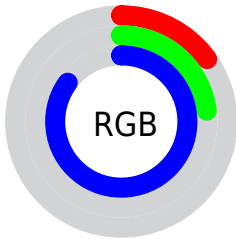
Format	Color
R _Y B	37, 57, 218
Decimal	2440154
CIE Lab	35.17, 49.54, -82.06
CIE LCh	35, 95.848, 301.119
Yxy	8.5832, 0.1651, 0.0946
Android (android.graphics.Color)	4280630234 (0xFF253BDA)
YUV	70.5480, 72.6938, -29.4216
Hunter-Lab	29.2971, 40.0105, -115.4815

Details

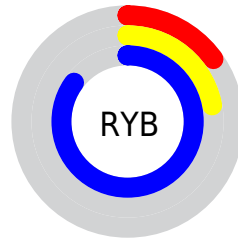
The Hex color **253BDA** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **DAC425**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **756BFF**, and **000FA2** is the 20% darker color. If you saturate the color by 10%, you get **0F28DA**, and if you desaturate by 10%, it is **3B4EDA**.

Distribution



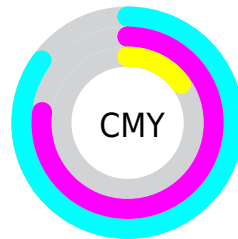
- Red (15%)
- Green (23%)
- Blue (85%)



- Red (15%)
- Yellow (22%)
- Blue (85%)



- Cyan (83%)
- Magenta (73%)
- Yellow (0%)
- Black (15%)



- Cyan (85%)
- Magenta (77%)
- Yellow (15%)

Brightness & Saturation Gradients

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

 253BDA

 253BDA

FFFFFF

 0024BD

 756BFF

 000FA2

 9585FF

 000086

 B5A0FF

 00006C


 D4BBFF

 000B53

 F3D7FF

 00063A

 FFF3FF

 000224

 00000C

 000000

■ 253BDA

■ 253BDA

■ 0F28DA

■ 3B4EDA

■ 001ADA

■ 5161DA

■ 6674DA

■ 7C88DA

■ 929BDA

■ A8AEDA

■ BEC1DA

■ D3D4DA

■ E9E7DA

Harmonies

Analogous

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



005FF2



253BDA



A9009F

Triad

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



253BDA



9D2800



006C54

Complementary

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



253BDA



DAC425

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.



006900



253BDA



635200

Square

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



253BDA



C30008



006300



006EA2

Rectangle

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



253BDA



C6006D



006300



006C39

Sweetspot

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



253BDA



BFC7FF



25DAC2



595E80



000000



808080

Same Dimension

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



253BDA



001FFF



6725DA



63646E



0015AD



00062E

Inverse Universe

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



DA253B



FF001F



98DA25



6E6364



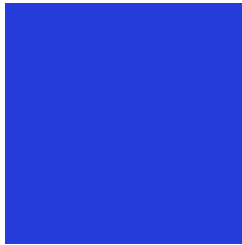
AD0015



2E0006

Previews

White Background



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

Color Contrast Check

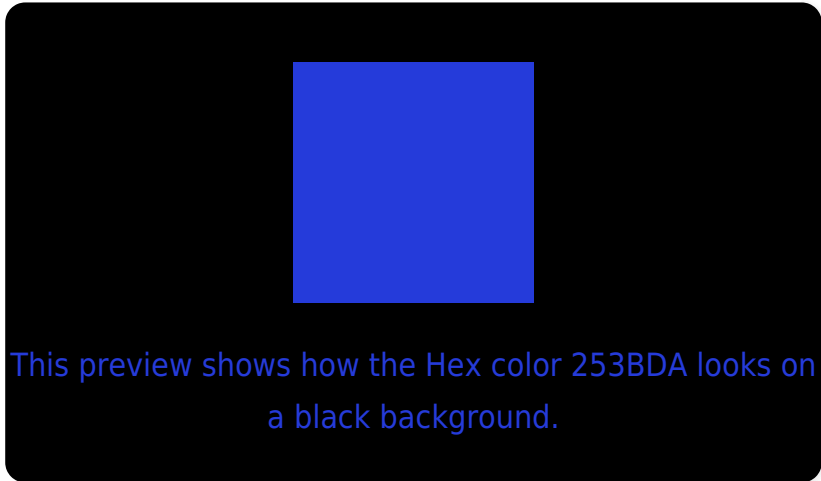
Large Text (above 18pt) WCAG AA ✓ Pass

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

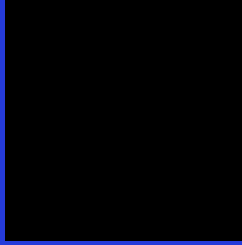
Any Text WCAG AA × Fail

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 253BDA Background



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



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

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
253BDA

Protanopia
004FA7

Deuteranopia
00558E



Tritanopia
005B60

Trichromacy



Original Color
253BDA

Protanomaly
0D48BA

Deuteranomaly
0D4CAA

Tritanomaly
0D4F8C

Monochromacy



Original Color
253BDA

Achromatopsia
474747

Achromatomaly
3B437C

CSS Examples

Text

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

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

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 #253BDA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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