

Converting Colors

Hex(203BDD)

Have a look what the booklet for
Hex(203BDD) contains.

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Color

Hex(203BDD)

Conversions

Conversions Part 1

Format	Color
Hex	203BDD
RGB	32, 59, 221
RGB Percent	13%, 23%, 87%
CMY	0.8745, 0.7686, 0.1333
CMYK	0.86, 0.73, 0.00, 0.13
HSL	231°, 75%, 50%
HSV	231°, 86%, 87%
XYZ	15.2108, 8.6555, 69.2756
YIQ	69.3950, -68.0940, 44.6580

Conversions

Conversions Part 2

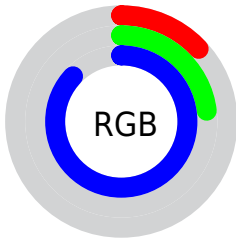
Format	Color
RYB	32, 56, 221
Decimal	2112477
CIELab	35.31, 50.29, -83.55
CIELCh	35, 97.514, 301.044
Yxy	8.6555, 0.1633, 0.0929
Android (android.graphics.Color)	4280302557 (0xFF203BDD)
YUV	69.3950, 74.7413, -32.7954
Hunter-Lab	29.4202, 40.8025, -119.0159

Details

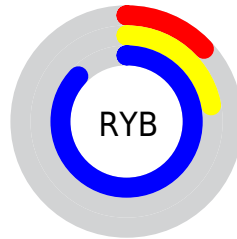
The Hex color **203BDD** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **DDC220**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **736BFF**, and **000FA4** is the 20% darker color. If you saturate the color by 10%, you get **0A28DD**, and if you desaturate by 10%, it is **364EDD**.

Distribution



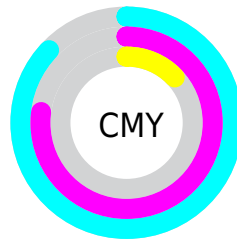
- Red (13%)
- Green (23%)
- Blue (87%)



- Red (13%)
- Yellow (22%)
- Blue (87%)



- Cyan (86%)
- Magenta (73%)
- Yellow (0%)
- Black (13%)



- Cyan (87%)
- Magenta (77%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 203BDD 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 203BDD by changing the saturation by 10% instead.


 203BDD

 203BDD


FFFFFF

 0024C0

 736BFF

 000FA4

 9485FF

 000089

 B4A0FF

 00006F

 D3BBFF


 000C55


 F3D7FF

 00063D

 FFF3FF

 000326

 00010F

 000000

■ 203BDD

■ 203BDD

■ 0A28DD

■ 364EDD

■ 0020DD

■ 4C61DD

■ 6274DD

■ 7887DD

■ 8F9ADD

■ A5ADDD

■ BBC0DD

■ D1D3DD

■ E7E5DD

Harmonies

Analogous

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



0060F5



203BDD



AB00A0

Triad

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



203BDD



9E2700



006D54

Complementary

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



203BDD



DDC220

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.



006A00



203BDD



645200

Square

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



203BDD



C50007



006300



006FA3

Rectangle

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



203BDD



C8006E



006300



006C38

Sweetspot

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



203BDD



BDC6FF



20DDC1



585E80



000000



808080

Same Dimension

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



203BDD



0024FF



6220DD



63646E



0019AD



00072E

Inverse Universe

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



DD203B



FF0024



9BDD20



6E6364



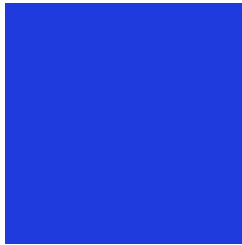
AD0019



2E0007

Previews

White Background



This preview shows how the Hex color 203BDD looks on a white background.

Color Contrast Check

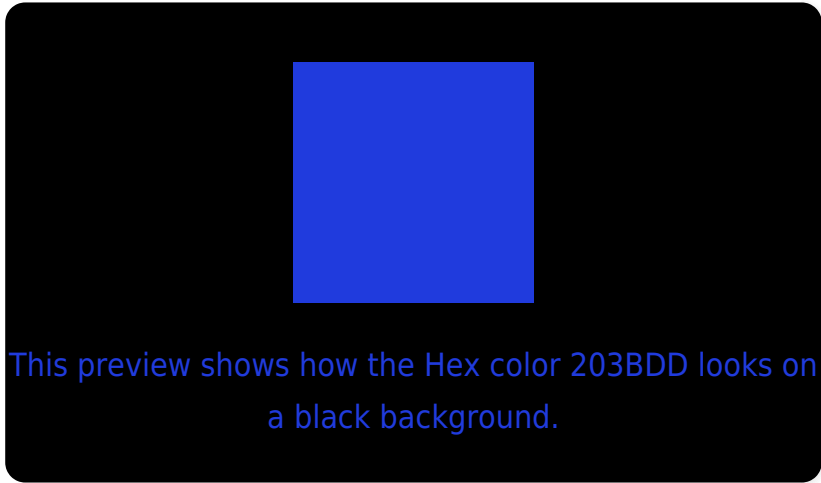
Large Text (above 18pt) WCAG AA ✓ Pass

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

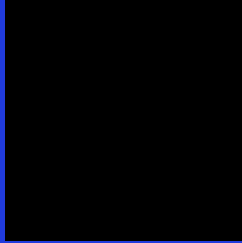
Any Text WCAG AA × Fail

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 203BDD Background



This preview shows how black text looks on a background with the Hex color 203BDD.

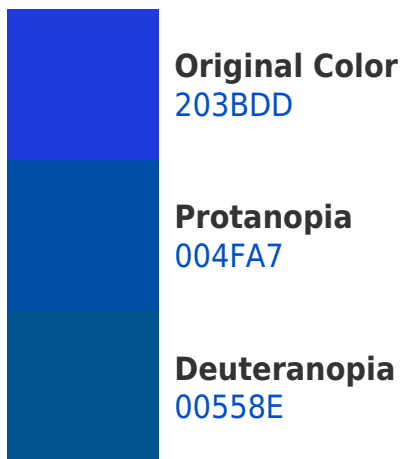


This preview shows how white text looks on a background with the Hex color 203BDD.

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](#).

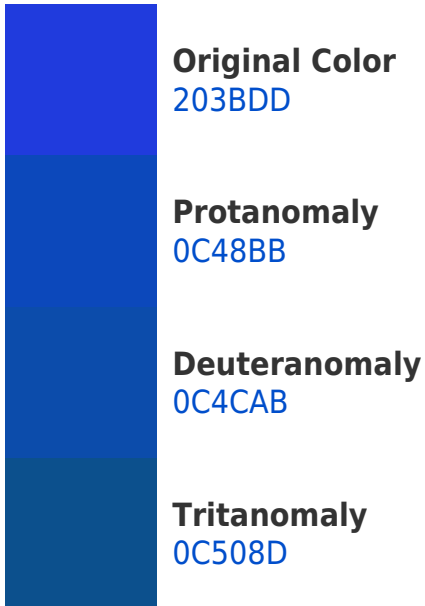
Dichromacy





Tritanopia
005C60

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 203BDD 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 #203BDD looks like.

```
.text, #text, p{  
    color:#203BDD  
}
```

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 #203BDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #203BDD
}
```

Border

The CSS property to change the border of an element to Hex 203BDD 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
#203BDD }
```

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

```
.border{ border-color:#203BDD }
```

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

Here you see how a box with a 4 pixel #203BDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #203BDD; -webkit-box-shadow:4px 4px  
4px 4px #203BDD; box-shadow:4px 4px 4px  
4px #203BDD }
```

Background

The CSS property to change the background color of an element to Hex 203BDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#203BDD }
```

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

```
.background{ background-color:#203BDD }
```

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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