

Converting Colors

Hex(4250DD)

Have a look what the booklet for
Hex(4250DD) contains.

Hex(4250DD)	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(4250DD)

Conversions

Conversions Part 1

Format	Color
Hex	4250DD
RGB	66, 80, 221
RGB Percent	26%, 31%, 87%
CMY	0.7412, 0.6863, 0.1333
CMYK	0.70, 0.64, 0.00, 0.13
HSL	235°, 70%, 56%
HSV	235°, 70%, 87%
XYZ	18.1666, 12.1160, 69.7878
YIQ	91.8880, -53.6050, 40.8830

Conversions

Conversions Part 2

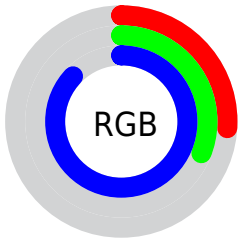
Format	Color
R_{YB}	66, 79, 221
Decimal	4346077
CIE _{Lab}	41.40, 40.60, -73.47
CIE _{LCh}	41, 83.946, 298.925
Yxy	12.1160, 0.1815, 0.1211
Android (android.graphics.Color)	4282536157 (0xFF4250DD)
YUV	91.8880, 63.6522, -22.7038
Hunter-Lab	34.8081, 32.2462, -94.5066

Details

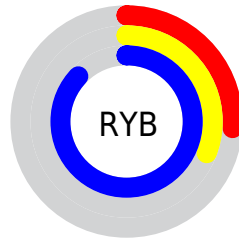
The Hex color **4250DD** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **DDCF42**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **8581FF**, and **0023A5** is the 20% darker color. If you saturate the color by 10%, you get **2C3CDD**, and if you desaturate by 10%, it is **5864DD**.

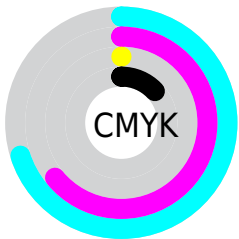
Distribution



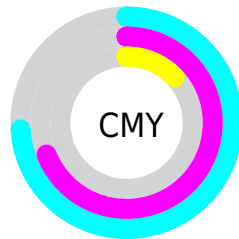
- Red (26%)
- Green (31%)
- Blue (87%)



- Red (26%)
- Yellow (31%)
- Blue (87%)



- Cyan (70%)
- Magenta (64%)
- Yellow (0%)
- Black (13%)



- Cyan (74%)
- Magenta (69%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4250DD 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 4250DD by changing the saturation by 10% instead.

■ 4250DD

■ 4250DD

FFFFFF

■ 0B39C0

■ 8581FF

■ 0023A5

■ A49CFF

■ 001089

■ C2B7FF

■ 00006F

■ E1D2FF

■ 000956

■ FFEFFF

■ 00063D

■ 000327

■ 000110

■ 000000

■ 4250DD

■ 4250DD

■ 2C3CDD

■ 5864DD

■ 1628DD

■ 6E78DD

■ 0014DD

■ 848CDD

■ 9AA0DD

■ B1B5DD

■ C7C9DD

■ DDDDDD

■ F3F1DD

■ FFFFDD

Harmonies

Analogous

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



006DEF



4250DD



AD0CAA

Triad

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



4250DD



AD3D00



007C5D

Complementary

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



4250DD



DDCF42

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.



007808



4250DD



7A5F00

Square

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



4250DD



CE0024



327000



007DA3

Rectangle

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



4250DD



CB007E



327000



007B45

Sweetspot

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



4250DD



C9CEFF



42DDCD



606380



000000



808080

Same Dimension

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



4250DD



293CFF



8042DD



63646E



0010AD



00042E

Inverse Universe

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



DD4250



FF293C



9FDD42



6E6364



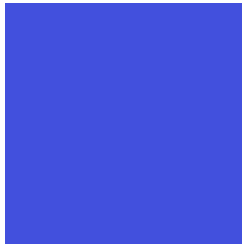
AD0010



2E0004

Previews

White Background



This preview shows how the Hex color 4250DD looks on a white background.

Color Contrast Check

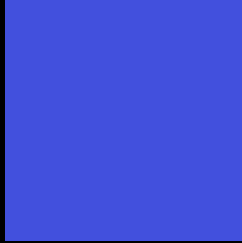
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4250DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

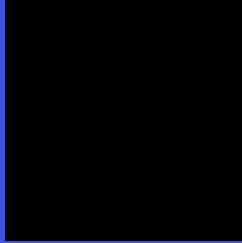
Any Text WCAG AA × Fail

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 4250DD Background



This preview shows how black text looks on a background with the Hex color 4250DD.

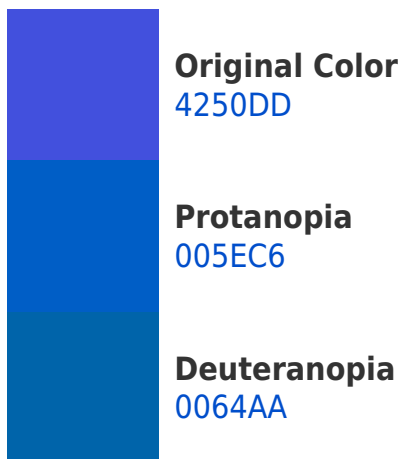


This preview shows how white text looks on a background with the Hex color 4250DD.

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](#).

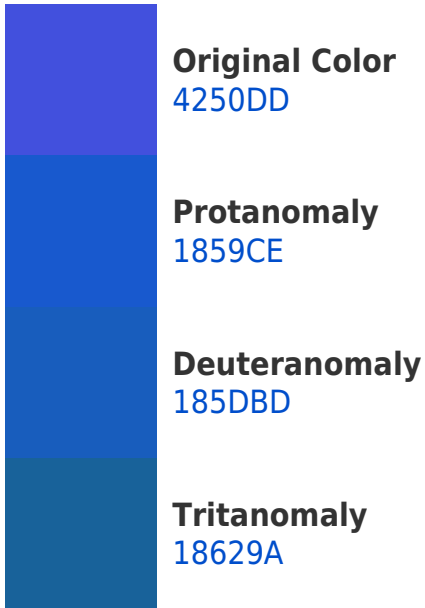
Dichromacy



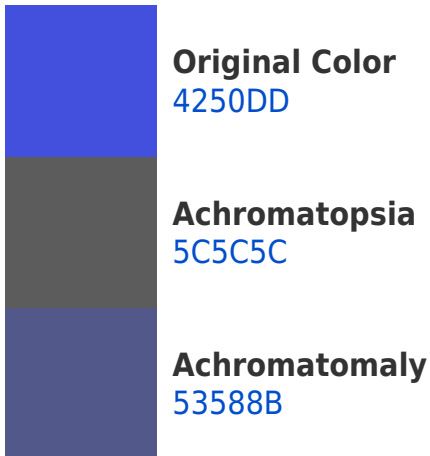


Tritanopia
006C73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4250DD 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 #4250DD looks like.

```
.text, #text, p{  
    color:#4250DD  
}
```

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 #4250DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4250DD
}
```

Border

The CSS property to change the border of an element to Hex 4250DD 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
#4250DD }
```

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

```
.border{ border-color:#4250DD }
```

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

Here you see how a box with a 4 pixel #4250DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4250DD; -webkit-box-shadow:4px 4px  
4px 4px #4250DD; box-shadow:4px 4px 4px  
4px #4250DD }
```

Background

The CSS property to change the background color of an element to Hex 4250DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4250DD }
```

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

```
.background{ background-color:#4250DD }
```

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