

Converting Colors

Hex(5242DB)

Have a look what the booklet for
Hex(5242DB) contains.

Hex(5242DB)	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>	28

Color

Hex(5242DB)

Conversions

Conversions Part 1

Format	Color
Hex	5242DB
RGB	82, 66, 219
RGB Percent	32%, 26%, 86%
CMY	0.6784, 0.7412, 0.1412
CMYK	0.63, 0.70, 0.00, 0.14
HSL	246°, 68%, 56%
HSV	246°, 70%, 86%
XYZ	18.2141, 10.8047, 68.1434
YIQ	88.2260, -39.5770, 50.9750

Conversions

Conversions Part 2

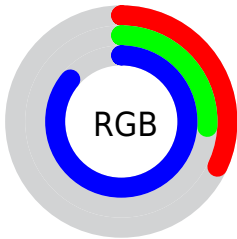
Format	Color
R_{YB}	82, 66, 219
Decimal	5391067
CIE _{Lab}	39.25, 50.12, -75.82
CIE _{LCh}	39, 90.886, 303.468
Yxy	10.8047, 0.1875, 0.1112
Android (android.graphics.Color)	4283581147 (0xFF5242DB)
YUV	88.2260, 64.4716, -5.4602
Hunter-Lab	32.8706, 41.3860, -99.9036

Details

The Hex color **5242DB** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **CBDB42**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9174FF**, and **0012A3** is the 20% darker color. If you saturate the color by 10%, you get **3E2CDB**, and if you desaturate by 10%, it is **6658DB**.

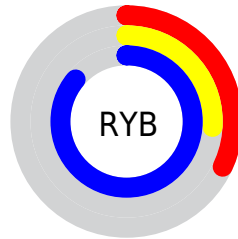
Distribution



Red (32%)

Green (26%)

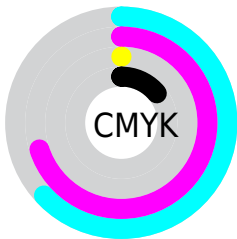
Blue (86%)



Red (32%)

Yellow (26%)

Blue (86%)

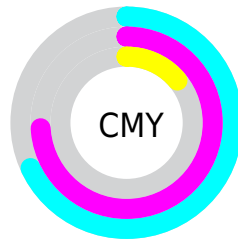


Cyan (63%)

Magenta (70%)

Yellow (0%)

Black (14%)



Cyan (68%)

Magenta (74%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5242DB 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 5242DB by changing the saturation by 10% instead.

 5242DB

 5242DB


FFFFFF

 2C2ABE

 9174FF

 0012A3

 B08EFF

 000087

 CEA9FF

 00006D

 EDC5FF

 000854

 FFE1FF

 00063C

FFFEFF

 000225

 00010D

 000000

■ 5242DB

■ 5242DB

■ 3E2CDB

■ 6658DB

■ 2B16DB

■ 796EDB

■ 1700DB

■ 8D84DB

■ A09ADB

■ B4B0DB

■ C8C5DB

■ DBDBDB

■ EFF1DB

■ FFFFDB

Harmonies

Analogous

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



0066F5



5242DB



B600A0

Triad

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



5242DB



A33B00



007764

Complementary

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



5242DB



CBDB42

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.



00740A



5242DB



6A5D00

Square

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



5242DB



CA000E



006D00



0078AE

Rectangle

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



5242DB



CF0070



006D00



007649

Sweetspot

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



5242DB



CFC9FF



42CCDB



636080



000000



808080

Same Dimension

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



5242DB



3F29FF



9E42DB



64636E



1200AD



05002E

Inverse Universe

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



DB42CB



FF29E9



7FDB42



6E636D



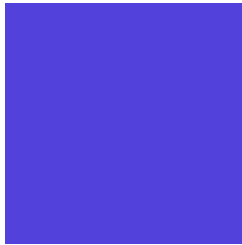
AD009B



2E0029

Previews

White Background



This preview shows how the Hex color 5242DB looks on a white background.

Color Contrast Check

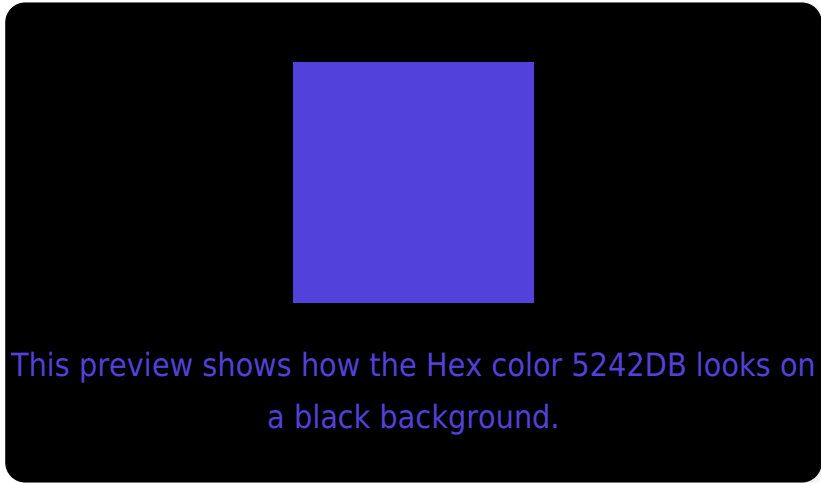
Large Text (above 18pt) WCAG AA ✓ Pass

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

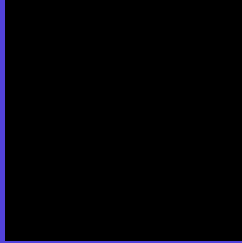
Any Text WCAG AA × Fail

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 5242DB Background



This preview shows how black text looks on a background with the Hex color 5242DB.

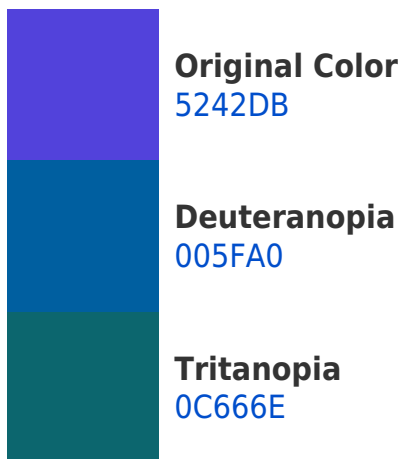


This preview shows how white text looks on a background with the Hex color 5242DB.

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



Trichromacy



Original Color
5242DB

Deuteranomaly
1E54B5

Tritanomaly
255996

Monochromacy



Original Color
5242DB

Achromatopsia
585858

Achromatomaly
565088

CSS Examples

Text

The CSS property to change the color of the text to Hex 5242DB 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 #5242DB looks like.

```
.text, #text, p{  
    color:#5242DB  
}
```

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 #5242DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5242DB
}
```

Border

The CSS property to change the border of an element to Hex 5242DB is called "border". The border property can be set on classes, ids or directly on the HTML element.

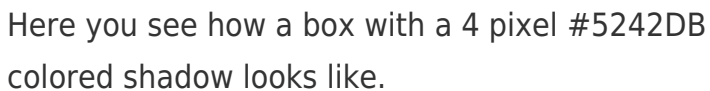
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5242DB }
```

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

```
.border{ border-color:#5242DB }
```

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



Here you see how a box with a 4 pixel #5242DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5242DB; -webkit-box-shadow:4px 4px  
4px 4px #5242DB; box-shadow:4px 4px 4px  
4px #5242DB }
```

Background

The CSS property to change the background color of an element to Hex 5242DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5242DB }
```

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

```
.background{ background-color:#5242DB }
```

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