

Converting Colors

Hex(0252DB)

Have a look what the booklet for
Hex(0252DB) contains.

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Color

Hex(0252DB)

Conversions

Conversions Part 1

Format	Color
Hex	0252DB
RGB	2, 82, 219
RGB Percent	1%, 32%, 86%
CMY	0.9922, 0.6784, 0.1412
CMYK	0.99, 0.63, 0.00, 0.14
HSL	218°, 98%, 43%
HSV	218°, 99%, 86%
XYZ	15.8285, 11.1620, 68.3381
YIQ	73.6980, -91.6570, 25.6470

Conversions

Conversions Part 2

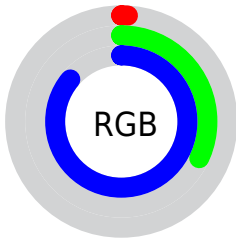
Format	Color
R_{YB}	2, 60, 219
Decimal	152283
CIE _{Lab}	39.85, 34.35, -74.94
CIE _{LCh}	40, 82.436, 294.623
Yxy	11.1620, 0.1660, 0.1171
Android (android.graphics.Color)	4278342363 (0xFF0252DB)
YUV	73.6980, 71.6339, -62.8791
Hunter-Lab	33.4095, 26.1017, -97.8890

Details

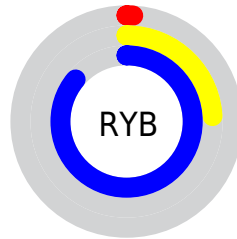
The Hex color **0252DB** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **DB8B02**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6983FF**, and **0027A3** is the 20% darker color. If you saturate the color by 10%, you get **0051DB**, and if you desaturate by 10%, it is **1860DB**.

Distribution



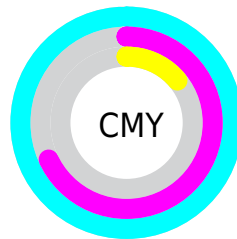
- Red (1%)
- Green (32%)
- Blue (86%)



- Red (1%)
- Yellow (24%)
- Blue (86%)



- Cyan (99%)
- Magenta (63%)
- Yellow (0%)
- Black (14%)



- Cyan (99%)
- Magenta (68%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0252DB 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 0252DB by changing the saturation by 10% instead.

■ 0252DB

■ 0252DB

FFFFFF

■ 003CBF

■ 6983FF

■ 0027A3

■ 8A9DFF

■ 001588

■ AAB7FF

■ 00006D

■ C9D3FF

■ 000B54

■ E8EFFF

■ 00063C

■ 000225

■ 00010E

■ 000000

■ 0252DB

■ 0252DB

■ 0051DB

■ 1860DB

■ 2E6EDB

■ 447BDB

■ 5A89DB

■ 6F97DB

■ 85A5DB

■ 9BB3DB

■ B1C1DB

■ C7CEDB

Harmonies

Analogous

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



006BE7



0252DB



9F1BAD

Triad

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



0252DB



AD3300



00774F

Complementary

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



0252DB



DB8B02

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.



007300



0252DB



7D5700

Square

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



0252DB



CA002C



3C6A00



007895

Rectangle

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



0252DB



C00083



3C6A00



007637

Sweetspot

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



0252DB



B3CFFF



02DB88



526380



000000



808080

Same Dimension

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



0252DB



005EFF



1B02DB



63676E



0040AD



00112E

Inverse Universe

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



DB0252



FF005E



C2DB02



6E6367



AD0040



2E0011

Previews

White Background



This preview shows how the Hex color 0252DB looks on a white background.

Color Contrast Check

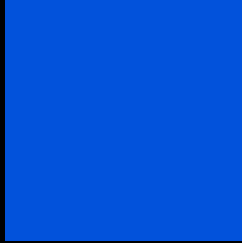
Large Text (above 18pt) WCAG AA ✓ Pass

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 0252DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

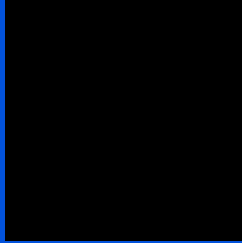
Any Text WCAG AA × Fail

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 0252DB Background



This preview shows how black text looks on a background with the Hex color 0252DB.

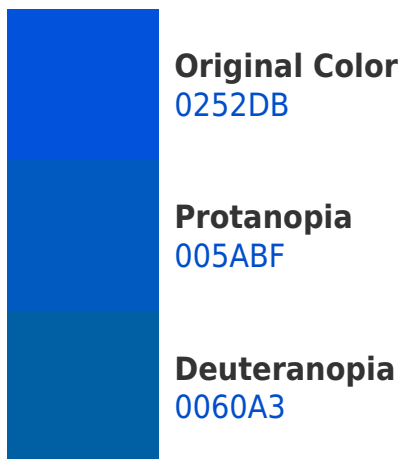


This preview shows how white text looks on a background with the Hex color 0252DB.

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
00686E

Trichromacy



Original Color
0252DB

Protanomaly
0157C9

Deuteranomaly
015BB7

Tritanomaly
016096

Monochromacy



Original Color
0252DB

Achromatopsia
4A4A4A

Achromatomaly
304D7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0252DB 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 #0252DB looks like.

```
.text, #text, p{  
    color:#0252DB  
}
```

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 #0252DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0252DB
}
```

Border

The CSS property to change the border of an element to Hex 0252DB is called "border". The border property can be set on classes, ids or directly on the HTML element.

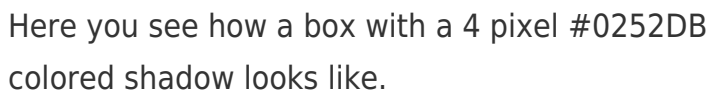
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0252DB }
```

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

```
.border{ border-color:#0252DB }
```

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



Here you see how a box with a 4 pixel #0252DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0252DB; -webkit-box-shadow:4px 4px  
4px 4px #0252DB; box-shadow:4px 4px 4px  
4px #0252DB }
```

Background

The CSS property to change the background color of an element to Hex 0252DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0252DB }
```

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

```
.background{ background-color:#0252DB }
```

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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