

Converting Colors

Hex(4275DB)

Have a look what the booklet for
Hex(4275DB) contains.

Hex(4275DB)	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(4275DB)

Conversions

Conversions Part 1

Format	Color
Hex	4275DB
RGB	66, 117, 219
RGB Percent	26%, 46%, 86%
CMY	0.7412, 0.5412, 0.1412
CMYK	0.70, 0.47, 0.00, 0.14
HSL	220°, 68%, 56%
HSV	220°, 70%, 86%
XYZ	21.3942, 18.9953, 69.5567
YIQ	113.3790, -63.1380, 20.9100

Conversions

Conversions Part 2

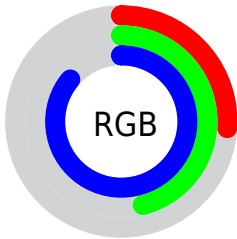
Format	Color
R _Y B	66, 104, 219
Decimal	4355547
CIE Lab	50.68, 16.73, -57.28
CIE LCh	51, 59.674, 286.282
Yxy	18.9953, 0.1946, 0.1728
Android (android.graphics.Color)	4282545627 (0xFF4275DB)
YUV	113.3790, 52.0712, -41.5514
Hunter-Lab	43.5836, 11.3505, -64.1146

Details

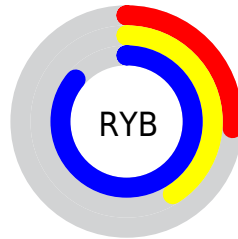
The Hex color **4275DB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **DBA842**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **82A9FF**, and **0046A3** is the 20% darker color. If you saturate the color by 10%, you get **2C66DB**, and if you desaturate by 10%, it is **5884DB**.

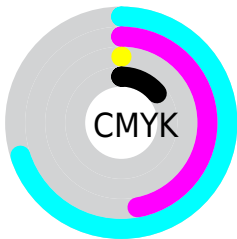
Distribution



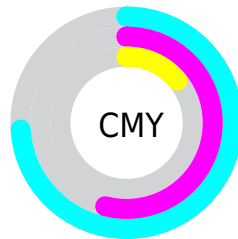
- Red (26%)
- Green (46%)
- Blue (86%)



- Red (26%)
- Yellow (41%)
- Blue (86%)



- Cyan (70%)
- Magenta (47%)
- Yellow (0%)
- Black (14%)



- Cyan (74%)
- Magenta (54%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4275DB 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 4275DB by changing the saturation by 10% instead.

■ 4275DB

■ 4275DB

FFFFFF

■ 125DBF

■ 82A9FF

■ 0046A3

■ A1C4FF

■ 003088

■ BFDFFF

■ 001D6E

■ DDFCFF

■ 000155

■ FBFFFF

■ 00063D

■ 000326

■ 00010F

■ 000000

■ 4275DB

■ 4275DB

■ 2C66DB

■ 5884DB

■ 1658DB

■ 6E92DB

■ 0049DB

■ 84A1DB

■ 9AAFDB

■ B0BEDB

■ C5CDDDB

■ DBDBDB

■ F1EADB

■ FFF8DB

Harmonies

Analogous

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



0085DC



4275DB



9D5EC0

Triad

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



4275DB



C55830



008F5F

Complementary

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



4275DB



DBA842

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.



38892C



4275DB



A46E00

Square

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



4275DB



D3455F



777F00



009094

Rectangle

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



4275DB



BE4EA3



777F00



008D4D

Sweetspot

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



4275DB



C9DBFF



42DBA8



606A80



000000



808080

Same Dimension

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



4275DB



2970FF



5B42DB



63666E



003AAD



000F2E

Inverse Universe

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



DB4275



FF2970



C2DB42



6E6366



AD003A



2E000F

Previews

White Background



This preview shows how the Hex color 4275DB looks on a white background.

Color Contrast Check

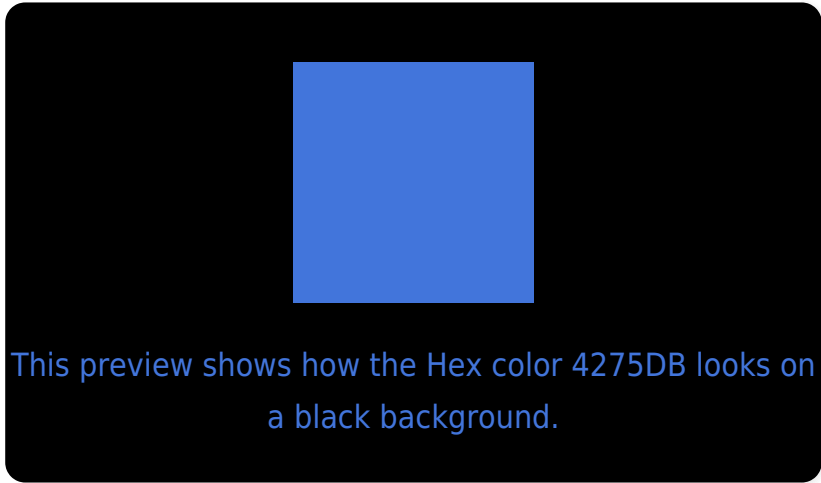
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

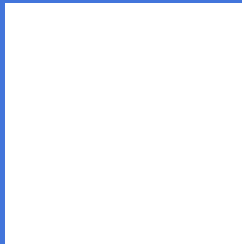
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4275DB Background



This preview shows how black text looks on a background with the Hex color 4275DB.

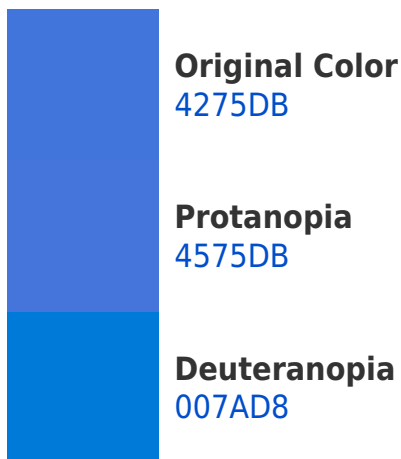


This preview shows how white text looks on a background with the Hex color 4275DB.

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](#).

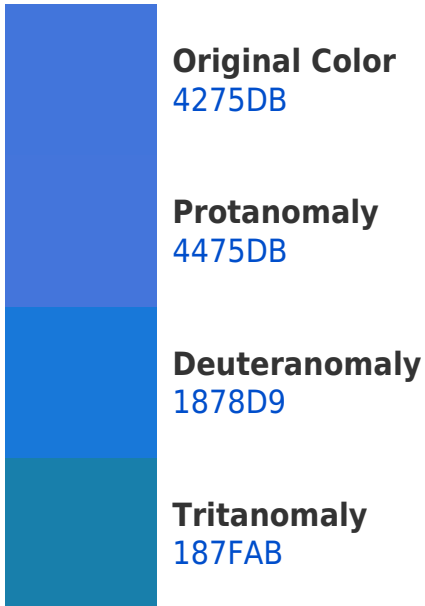
Dichromacy



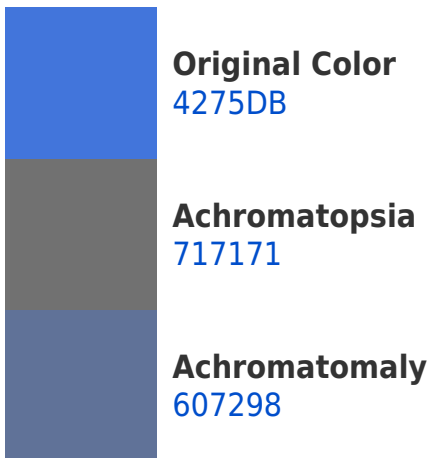


Tritanopia
008590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4275DB 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 #4275DB looks like.

```
.text, #text, p{  
    color:#4275DB  
}
```

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 #4275DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4275DB
}
```

Border

The CSS property to change the border of an element to Hex 4275DB 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
#4275DB }
```

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

```
.border{ border-color:#4275DB }
```

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

Here you see how a box with a 4 pixel #4275DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4275DB; -webkit-box-shadow:4px 4px  
4px 4px #4275DB; box-shadow:4px 4px 4px  
4px #4275DB }
```

Background

The CSS property to change the background color of an element to Hex 4275DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4275DB }
```

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

```
.background{ background-color:#4275DB }
```

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