

Converting Colors

Hex(4568DB)

Have a look what the booklet for
Hex(4568DB) contains.

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Color

Hex(4568DB)

Conversions

Conversions Part 1

Format	Color
Hex	4568DB
RGB	69, 104, 219
RGB Percent	27%, 41%, 86%
CMY	0.7294, 0.5922, 0.1412
CMYK	0.68, 0.53, 0.00, 0.14
HSL	226°, 68%, 56%
HSV	226°, 68%, 86%
XYZ	20.1907, 16.2803, 69.0961
YIQ	106.6450, -57.7750, 28.3450

Conversions

Conversions Part 2

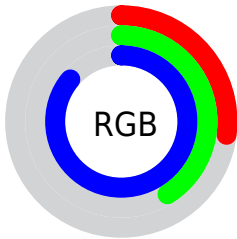
Format	Color
R_{YB}	69, 97, 219
Decimal	4548827
CIE _{Lab}	47.34, 25.32, -62.66
CIE _{LCh}	47, 67.583, 292.003
Yxy	16.2803, 0.1913, 0.1542
Android (android.graphics.Color)	4282738907 (0xFF4568DB)
YUV	106.6450, 55.3910, -33.0147
Hunter-Lab	40.3489, 18.7116, -73.2879

Details

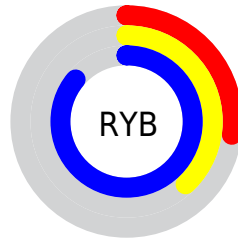
The Hex color **4568DB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **DBB845**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **859BFF**, and **003AA3** is the 20% darker color. If you saturate the color by 10%, you get **2F57DB**, and if you desaturate by 10%, it is **5B79DB**.

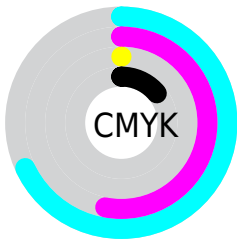
Distribution



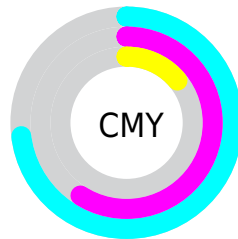
- Red (27%)
- Green (41%)
- Blue (86%)



- Red (27%)
- Yellow (38%)
- Blue (86%)



- Cyan (68%)
- Magenta (53%)
- Yellow (0%)
- Black (14%)



- Cyan (73%)
- Magenta (59%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4568DB 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 4568DB by changing the saturation by 10% instead.

■ 4568DB

■ 4568DB

FFFFFF

■ 1850BF

■ 859BFF

■ 003AA3

■ A3B5FF

■ 002588

■ C1D1FF

■ 00136E

■ E0EDFF

■ 000155

FEFFFF

■ 00063D

■ 000226

■ 00010F

■ 000000

■ 4568DB

■ 4568DB

■ 2F57DB

■ 5B79DB

■ 1946DB

■ 718ADB

■ 0336DB

■ 879ADB

■ 0033DB

■ 9DABDB

■ B3BCDB

■ C8CDDDB

■ DEDEDB

■ F4EEDB

■ FFFFDB

Harmonies

Analogous

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



007CE2



4568DB



A44AB7

Triad

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



4568DB



BC4E10



00885F

Complementary

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



4568DB



DBB845

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.



008422



4568DB



956900

Square

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



4568DB



D2304A



607A00



00899A

Rectangle

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



4568DB



C33595



607A00



00874B

Sweetspot

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



4568DB



C9D6FF



45DBB8



606780



000000



808080

Same Dimension

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



4568DB



2E5FFF



6D45DB



63656E



0028AD



000B2E

Inverse Universe

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



DB4568



FF2E5F



B3DB45



6E6365



AD0028



2E000B

Previews

White Background



This preview shows how the Hex color 4568DB looks on a white background.

Color Contrast Check

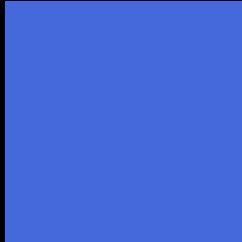
Large Text (above 18pt) WCAG AA ✓ Pass

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 4568DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

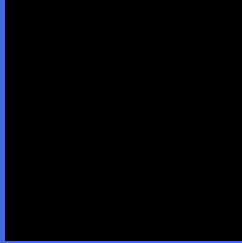
Any Text WCAG AA × Fail

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 4568DB Background



This preview shows how black text looks on a background with the Hex color 4568DB.

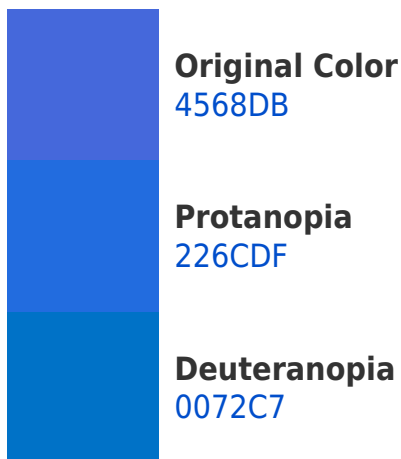


This preview shows how white text looks on a background with the Hex color 4568DB.

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](#).

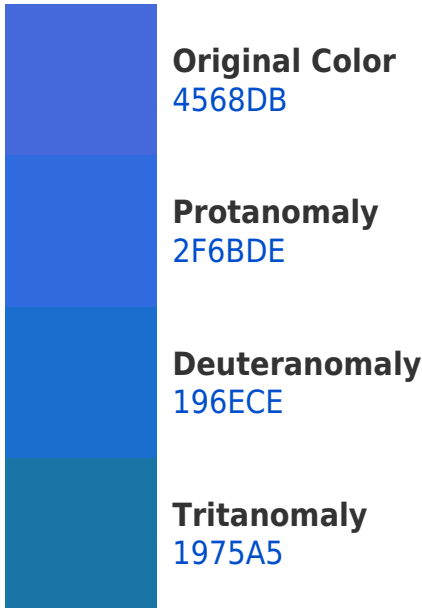
Dichromacy



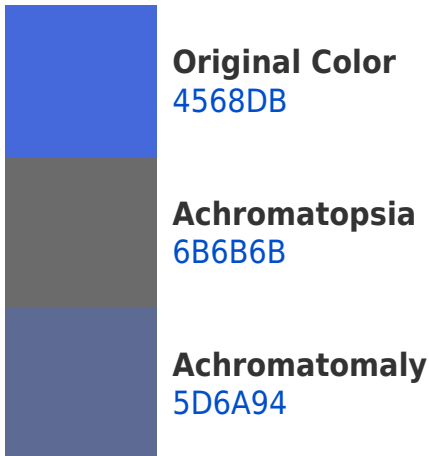


Tritanopia
007C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4568DB 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 #4568DB looks like.

```
.text, #text, p{  
    color:#4568DB  
}
```

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 #4568DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4568DB
}
```

Border

The CSS property to change the border of an element to Hex 4568DB 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".

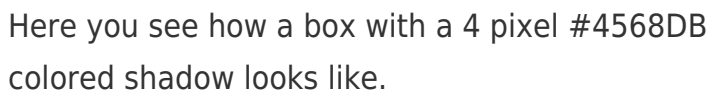
```
.border, #border, table{ border:4px solid
#4568DB }
```

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

```
.border{ border-color:#4568DB }
```

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

Here you see how a box with a 4 pixel #4568DB colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4568DB; -webkit-box-shadow:4px 4px  
4px 4px #4568DB; box-shadow:4px 4px 4px  
4px #4568DB }
```

Background

The CSS property to change the background color of an element to Hex 4568DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4568DB }
```

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

```
.background{ background-color:#4568DB }
```

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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