

Converting Colors

Hex(1478DB)

Have a look what the booklet for
Hex(1478DB) contains.

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Color

Hex(1478DB)

Conversions

Conversions Part 1

Format	Color
Hex	1478DB
RGB	20, 120, 219
RGB Percent	8%, 47%, 86%
CMY	0.9216, 0.5294, 0.1412
CMYK	0.91, 0.45, 0.00, 0.14
HSL	210°, 83%, 47%
HSV	210°, 91%, 86%
XYZ	19.7911, 18.6961, 69.5834
YIQ	101.3860, -91.3790, 9.5890

Conversions

Conversions Part 2

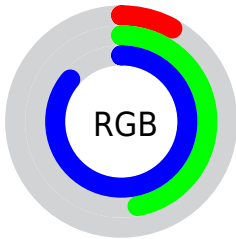
Format	Color
RYB	20, 87, 219
Decimal	1341659
CIELab	50.33, 10.45, -57.91
CIELCh	50, 58.845, 280.231
Yxy	18.6961, 0.1831, 0.1730
Android (android.graphics.Color)	4279531739 (0xFF1478DB)
YUV	101.3860, 57.9837, -71.3755
Hunter-Lab	43.2390, 6.0338, -65.1465

Details

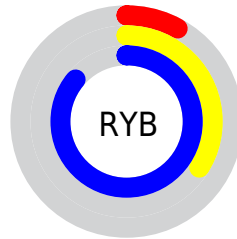
The Hex color **1478DB** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **DB7714**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **6BACFF**, and **0049A3** is the 20% darker color. If you saturate the color by 10%, you get **006EDB**, and if you desaturate by 10%, it is **2A83DB**.

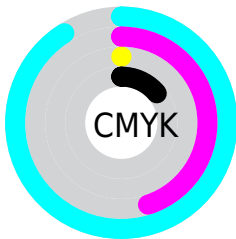
Distribution



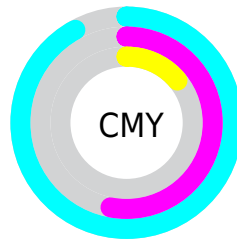
- Red (8%)
- Green (47%)
- Blue (86%)



- Red (8%)
- Yellow (34%)
- Blue (86%)



- Cyan (91%)
- Magenta (45%)
- Yellow (0%)
- Black (14%)



- Cyan (92%)
- Magenta (53%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1478DB 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 1478DB by changing the saturation by 10% instead.

■ 1478DB

■ 1478DB

FFFFFF

■ 0060BF

■ 6BACFF

■ 0049A3

■ 8BC7FF

■ 003388

■ AAE3FF

■ 00206E

■ C9FFFF

■ 000555

■ E8FFFF

■ 00063D

■ 000326

■ 000110

■ 000000

■ 1478DB

■ 1478DB

■ 006EDB

■ 2A83DB

■ 408EDB

■ 5699DB

■ 6CA4DB

■ 82AEDB

■ 97B9DB

■ ADC4DB

■ C3CFDB

■ D9DADB

Harmonies

Analogous

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



0086D6



1478DB



8F62C5

Triad

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



1478DB



C85339



008D54

Complementary

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



1478DB



DB7714

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.



488723



1478DB



AA690B

Square

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



1478DB



D14469



807B00



008F88

Rectangle

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



1478DB



B453AA



807B00



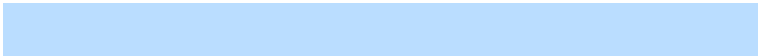
008B43

Sweetspot

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



1478DB



BADDFE



14DB74



576B80



000000



808080

Same Dimension

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



1478DB



0080FF



1417DB



63686E



0057AD



00172E

Inverse Universe

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



DB1478



FF0080



DBD814



6E6368



AD0057



2E0017

Previews

White Background



This preview shows how the Hex color 1478DB looks on a white background.

Color Contrast Check

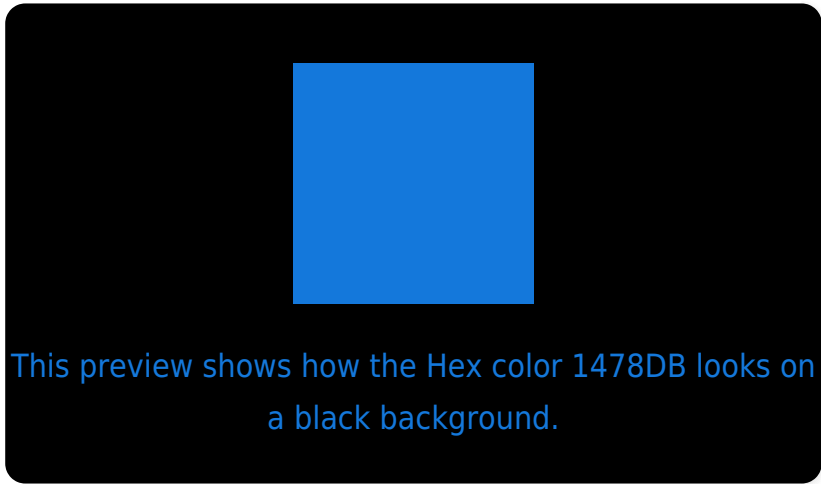
Large Text (above 18pt) WCAG AA ✓ Pass

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

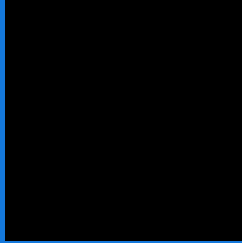
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

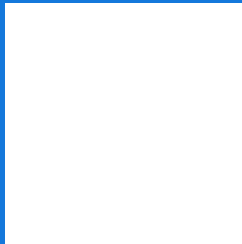
Any Text WCAG AAA × Fail

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

Hex 1478DB Background



This preview shows how black text looks on a background with the Hex color 1478DB.

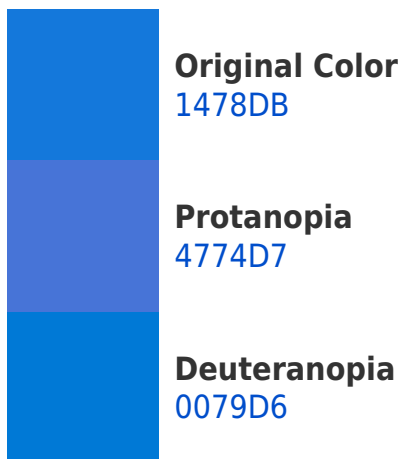


This preview shows how white text looks on a background with the Hex color 1478DB.

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](#).

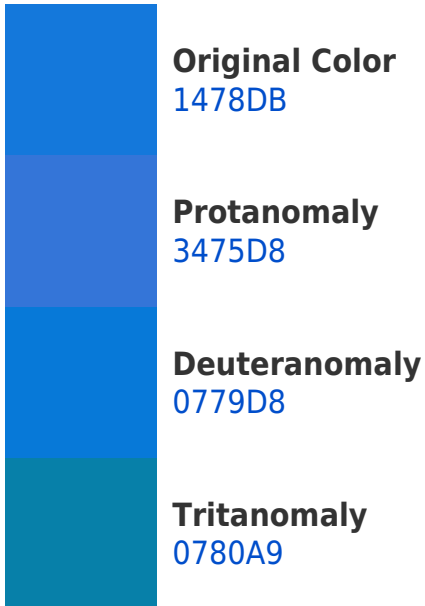
Dichromacy



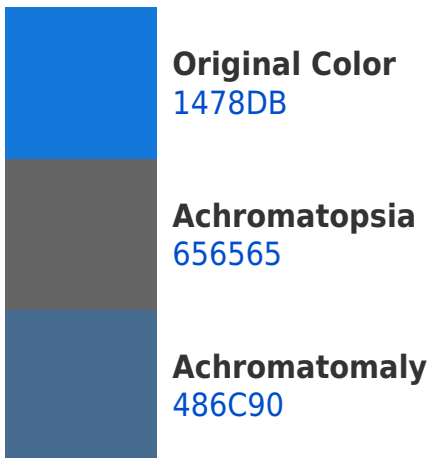


Tritanopia
00848D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1478DB 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 #1478DB looks like.

```
.text, #text, p{  
    color:#1478DB  
}
```

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 #1478DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1478DB
}
```

Border

The CSS property to change the border of an element to Hex 1478DB 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
#1478DB }
```

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

```
.border{ border-color:#1478DB }
```

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

Here you see how a box with a 4 pixel #1478DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1478DB; -webkit-box-shadow:4px 4px  
4px 4px #1478DB; box-shadow:4px 4px 4px  
4px #1478DB }
```

Background

The CSS property to change the background color of an element to Hex 1478DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1478DB }
```

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

```
.background{ background-color:#1478DB }
```

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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