

Converting Colors

Hex(1974DB)

Have a look what the booklet for
Hex(1974DB) contains.

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Color

Hex(1974DB)

Conversions

Conversions Part 1

Format	Color
Hex	1974DB
RGB	25, 116, 219
RGB Percent	10%, 45%, 86%
CMY	0.9020, 0.5451, 0.1412
CMYK	0.89, 0.47, 0.00, 0.14
HSL	212°, 80%, 48%
HSV	212°, 89%, 86%
XYZ	19.4325, 17.8119, 69.4317
YIQ	100.5330, -87.2990, 12.7410

Conversions

Conversions Part 2

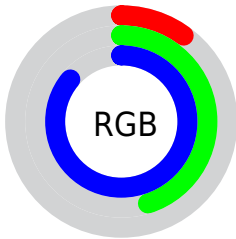
Format	Color
RYB	25, 87, 219
Decimal	1668315
CIELab	49.27, 13.23, -59.62
CIELCh	49, 61.066, 282.513
Yxy	17.8119, 0.1822, 0.1670
Android (android.graphics.Color)	4279858395 (0xFF1974DB)
YUV	100.5330, 58.4042, -66.2424
Hunter-Lab	42.2042, 8.3312, -67.9973

Details

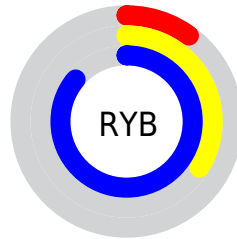
The Hex color **1974DB** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **DB8019**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **6CA7FF**, and **0045A3** is the 20% darker color. If you saturate the color by 10%, you get **0368DB**, and if you desaturate by 10%, it is **2F80DB**.

Distribution



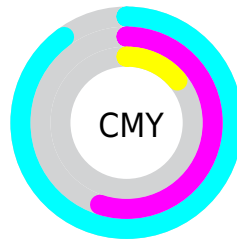
- Red (10%)
- Green (45%)
- Blue (86%)



- Red (10%)
- Yellow (34%)
- Blue (86%)



- Cyan (89%)
- Magenta (47%)
- Yellow (0%)
- Black (14%)



- Cyan (90%)
- Magenta (55%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1974DB 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 1974DB by changing the saturation by 10% instead.

■ 1974DB

■ 1974DB

FFFFFF

■ 005CBF

■ 6CA7FF

■ 0045A3

■ 8CC2FF

■ 003088

■ ABDEFF

■ 001D6E

■ CAFAFF

■ 000455

■ E9FFFF

■ 00063D

■ 000326

■ 00010F

■ 000000

■ 1974DB

■ 1974DB

■ 0368DB

■ 2F80DB

■ 0067DB

■ 458BDB

■ 5B97DB

■ 71A3DB

■ 86AEDB

■ 9CBADB

■ B2C5DB

■ C8D1DB

■ DEDDDB

Harmonies

Analogous

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



0083D8



1974DB



925DC2

Triad

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



1974DB



C55031



008B54

Complementary

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



1974DB



DB8019

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.



3D851F



1974DB



A56700

Square

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



1974DB



D13E62



797A00



008D8A

Rectangle

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



1974DB



B64CA6



797A00



008942

Sweetspot

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



1974DB



BADAFF



19DB7D



576A80



000000



808080

Same Dimension

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



1974DB



0078FF



1C19DB



63686E



0051AD



00162E

Inverse Universe

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



DB1974



FF0078



D8DB19



6E6368



AD0051



2E0016

Previews

White Background



This preview shows how the Hex color 1974DB looks on a white background.

Color Contrast Check

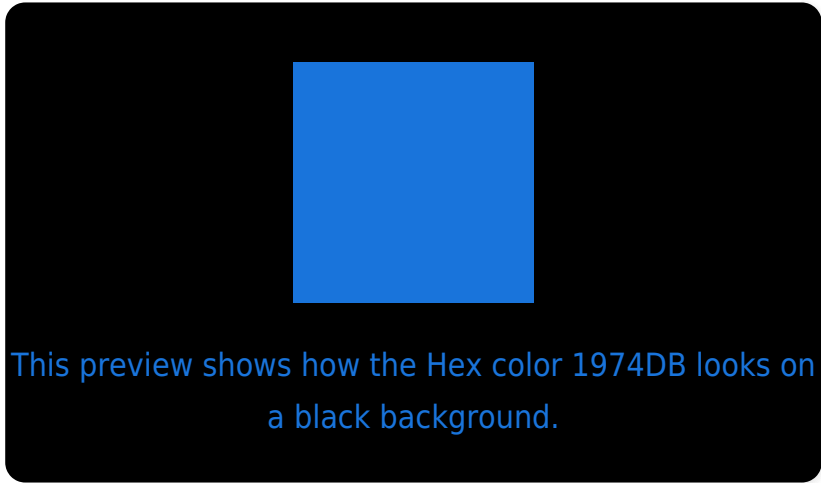
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

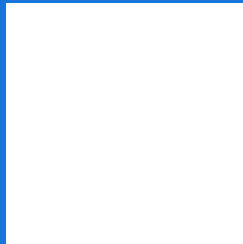
Any Text WCAG AAA × Fail

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

Hex 1974DB Background



This preview shows how black text looks on a background with the Hex color 1974DB.

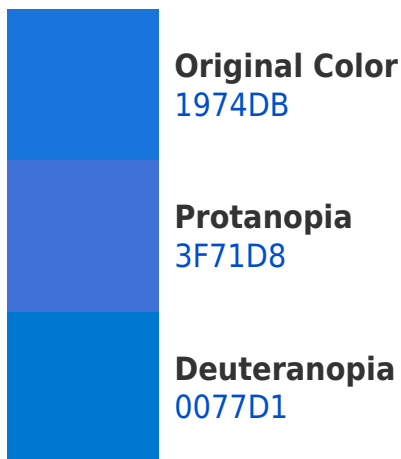


This preview shows how white text looks on a background with the Hex color 1974DB.

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](#).

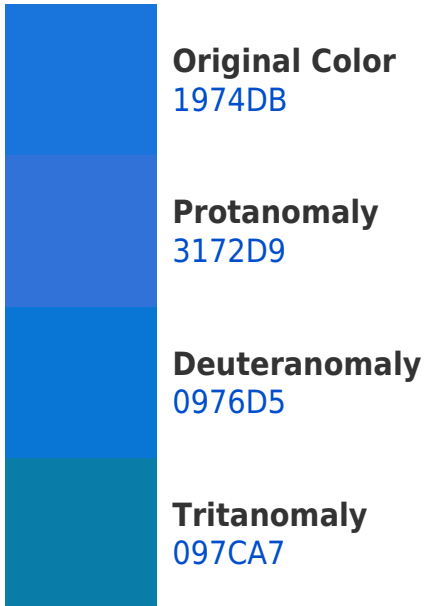
Dichromacy



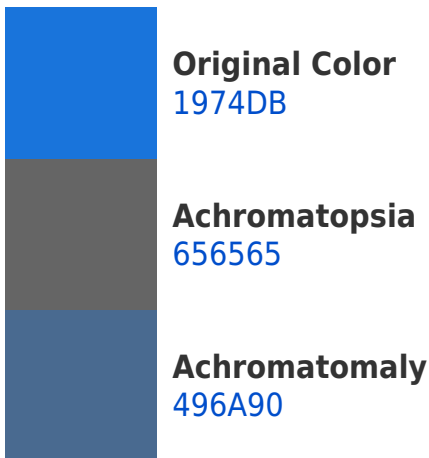


Tritanopia
00818A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1974DB 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 #1974DB looks like.

```
.text, #text, p{  
    color:#1974DB  
}
```

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 #1974DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1974DB
}
```

Border

The CSS property to change the border of an element to Hex 1974DB 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".

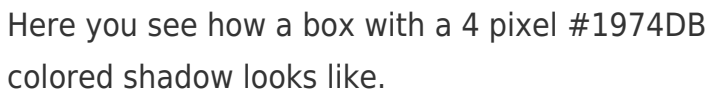
```
.border, #border, table{ border:4px solid
#1974DB }
```

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

```
.border{ border-color:#1974DB }
```

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

Here you see how a box with a 4 pixel #1974DB 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 #1974DB; -webkit-box-shadow:4px 4px  
4px 4px #1974DB; box-shadow:4px 4px 4px  
4px #1974DB }
```

Background

The CSS property to change the background color of an element to Hex 1974DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1974DB }
```

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

```
.background{ background-color:#1974DB }
```

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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