

Converting Colors

Hex(1864D0)

Have a look what the booklet for
Hex(1864D0) contains.

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Color

Hex(1864D0)

Conversions

Conversions Part 1

Format	Color
Hex	1864D0
RGB	24, 100, 208
RGB Percent	9%, 39%, 82%
CMY	0.9059, 0.6078, 0.1843
CMYK	0.88, 0.52, 0.00, 0.18
HSL	215°, 79%, 45%
HSV	215°, 88%, 82%
XYZ	16.3190, 13.8626, 61.4902
YIQ	89.5880, -79.9640, 17.4760

Conversions

Conversions Part 2

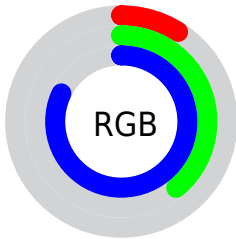
Format	Color
RYB	24, 78, 208
Decimal	1598672
CIELab	44.04, 19.13, -61.81
CIElCh	44, 64.698, 287.196
Yxy	13.8626, 0.1780, 0.1512
Android (android.graphics.Color)	4279788752 (0xFF1864D0)
YUV	89.5880, 58.3771, -57.5207
Hunter-Lab	37.2325, 13.0797, -71.8557

Details

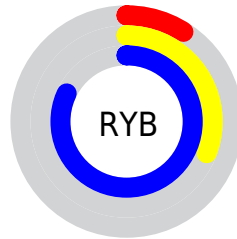
The Hex color **1864D0** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **D08418**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6A96FF**, and **003799** is the 20% darker color. If you saturate the color by 10%, you get **0358D0**, and if you desaturate by 10%, it is **2D70D0**.

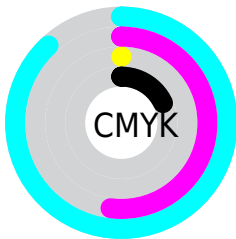
Distribution



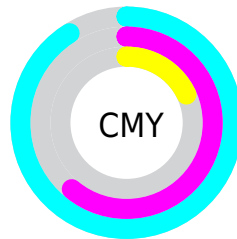
- Red (9%)
- Green (39%)
- Blue (82%)



- Red (9%)
- Yellow (31%)
- Blue (82%)



- Cyan (88%)
- Magenta (52%)
- Yellow (0%)
- Black (18%)



- Cyan (91%)
- Magenta (61%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1864D0 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 1864D0 by changing the saturation by 10% instead.

■ 1864D0

■ 1864D0

FFFFFF

■ 004DB4

■ 6A96FF

■ 003799

■ 89B1FF

■ 00237E

■ A8CCFF

■ 000F64

■ C7E8FF

■ 00094B

■ E5FFFF

■ 000434

■ 00021E

■ 000000

■ 1864D0

■ 1864D0

■ 0358D0

■ 2D70D0

■ 0056D0

■ 427CD0

■ 5689D0

■ 6B95D0

■ 80A1D0

■ 95ADD0

■ AAB9D0

■ BEC6D0

■ D3D2D0

Harmonies

Analogous

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



0075D2



1864D0



9049B2

Triad

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



1864D0



B44317



007E4E

Complementary

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



1864D0



D08418

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.



107912



1864D0



915D00

Square

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



1864D0



C5274C



626F00



008086

Rectangle

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



1864D0



B13493



626F00



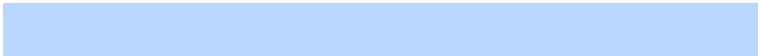
007D3C

Sweetspot

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



1864D0



BAD7FF



18D083



576880



000000



808080

Same Dimension

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



1864D0



0069FF



2718D0



5E6269



0046A8



001129

Inverse Universe

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



D01864



FF0069



C1D018



695E62



A80046



290011

Previews

White Background



This preview shows how the Hex color 1864D0 looks on a white background.

Color Contrast Check

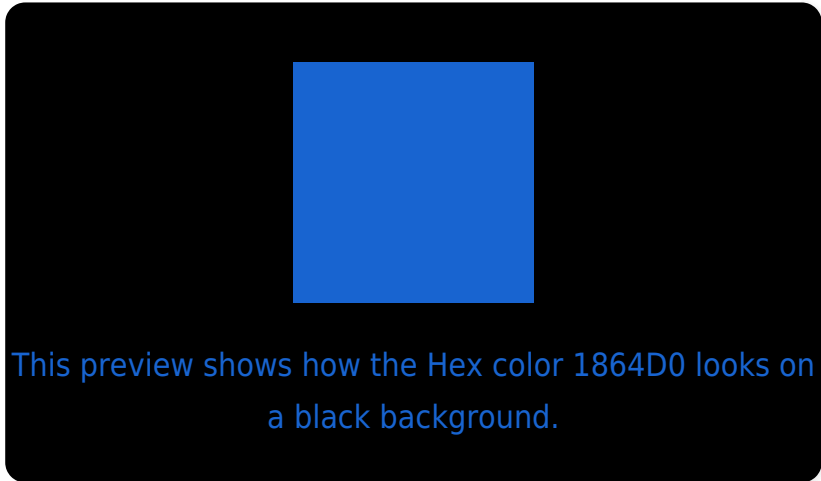
Large Text (above 18pt) WCAG AA ✓ Pass

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

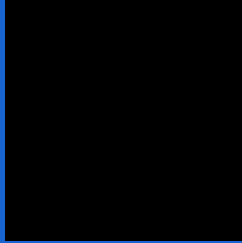
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

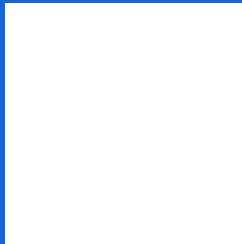
Any Text WCAG AAA × Fail

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

Hex 1864D0 Background



This preview shows how black text looks on a background with the Hex color 1864D0.



This preview shows how white text looks on a background with the Hex color 1864D0.

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



Trichromacy



Original Color
1864D0

Protanomaly
1B64D0

Deuteranomaly
0968C1

Monochromacy



Original Color
1864D0

Achromatopsia
5A5A5A

Achromatomaly
425E85

CSS Examples

Text

The CSS property to change the color of the text to Hex 1864D0 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 #1864D0 looks like.

```
.text, #text, p{  
    color:#1864D0  
}
```

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 #1864D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1864D0
}
```

Border

The CSS property to change the border of an element to Hex 1864D0 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
#1864D0 }
```

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

```
.border{ border-color:#1864D0 }
```

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

Here you see how a box with a 4 pixel #1864D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1864D0; -webkit-box-shadow:4px 4px  
4px 4px #1864D0; box-shadow:4px 4px 4px  
4px #1864D0 }
```

Background

The CSS property to change the background color of an element to Hex 1864D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1864D0 }
```

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

```
.background{ background-color:#1864D0 }
```

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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