

Converting Colors

Hex(1D8BC4)

Have a look what the booklet for
Hex(1D8BC4) contains.

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Color

Hex(1D8BC4)

Conversions

Conversions Part 1

Format	Color
Hex	1D8BC4
RGB	29, 139, 196
RGB Percent	11%, 55%, 77%
CMY	0.8863, 0.4549, 0.2314
CMYK	0.85, 0.29, 0.00, 0.23
HSL	200°, 74%, 44%
HSV	200°, 85%, 77%
XYZ	19.7031, 22.7120, 55.5699
YIQ	112.6080, -83.8570, -5.5930

Conversions

Conversions Part 2

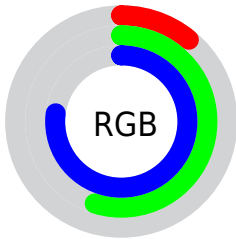
Format	Color
R_{YB}	29, 95, 196
Decimal	1936324
CIE _{Lab}	54.77, -9.15, -37.80
CIE _{LCh}	55, 38.895, 256.400
Yxy	22.7120, 0.2011, 0.2318
Android (android.graphics.Color)	4280126404 (0xFF1D8BC4)
YUV	112.6080, 41.1123, -73.3242
Hunter-Lab	47.6571, -9.6017, -35.7744

Details

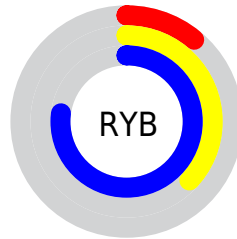
The Hex color **1D8BC4** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **C4561D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **69C0FD**, and **00598E** is the 20% darker color. If you saturate the color by 10%, you get **0984C4**, and if you desaturate by 10%, it is **3192C4**.

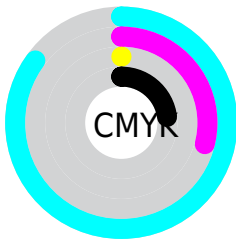
Distribution



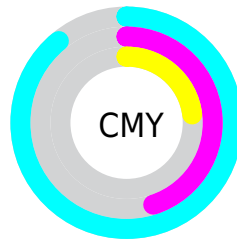
- Red (11%)
- Green (55%)
- Blue (77%)



- Red (11%)
- Yellow (37%)
- Blue (77%)



- Cyan (85%)
- Magenta (29%)
- Yellow (0%)
- Black (23%)



- Cyan (89%)
- Magenta (45%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D8BC4 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 1D8BC4 by changing the saturation by 10% instead.

■ 1D8BC4

■ 1D8BC4

FFFFFF

■ 0072A9

■ 69C0FD

■ 00598E

■ 87DCFF

■ 004274

■ A6F9FF

■ 002C5B

■ C4FFFF

■ 001943

■ E2FFFF

■ 00032D

■ 000117

■ 000000

■ 1D8BC4

■ 1D8BC4

■ 0984C4

■ 3192C4

■ 0081C4

■ 4498C4

■ 589FC4

■ 6BA6C4

■ 7FACC4

■ 93B3C4

■ A6BAC4

■ BAC1C4

■ CDC7C4

Harmonies

Analogous

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



0092B3



1D8BC4



6D80C4

Triad

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



1D8BC4



C36872



5F8F53

Complementary

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



1D8BC4



C4561D

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.



858740



1D8BC4



BB7054

Square

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



1D8BC4



BA6994



A57C41



2A9372

Rectangle

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



1D8BC4



9077B9



A57C41



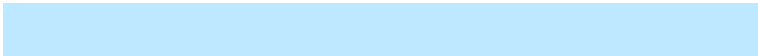
6D8D4B

Sweetspot

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



1D8BC4



BDE8FF



1DC455



587280



000000



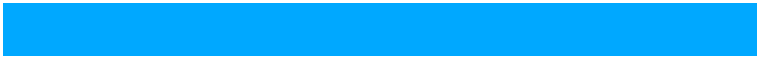
808080

Same Dimension

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



1D8BC4



00A8FF



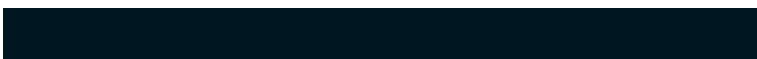
1D39C4



575E61



006AA1



001621

Inverse Universe

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



C41D8B



FF00A8



C4A81D



61575E



A1006A



210016

Previews

White Background



This preview shows how the Hex color 1D8BC4 looks on a white background.

Color Contrast Check

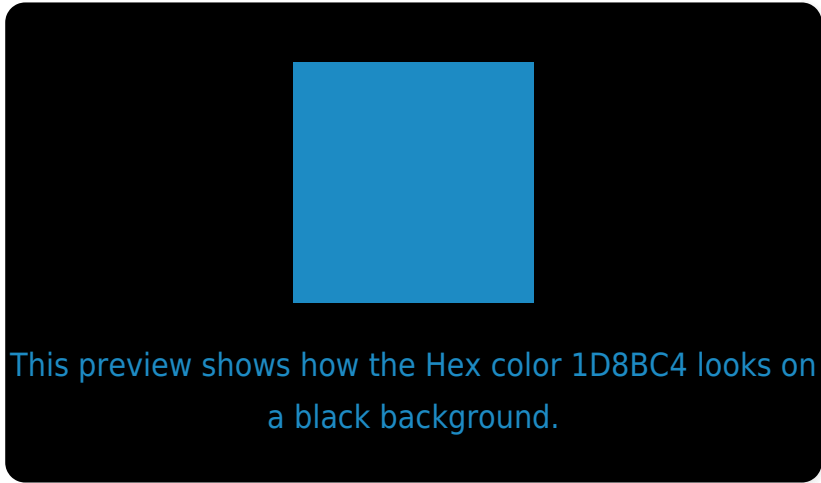
Large Text (above 18pt) WCAG AA ✓ Pass

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

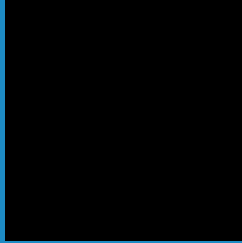
Any Text WCAG AA ✓ Pass

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 1D8BC4 Background



This preview shows how black text looks on a background with the Hex color 1D8BC4.

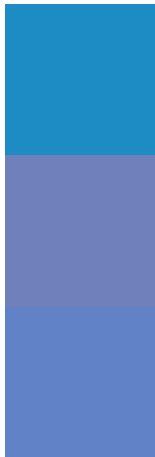


This preview shows how white text looks on a background with the Hex color 1D8BC4.

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



Original Color
1D8BC4

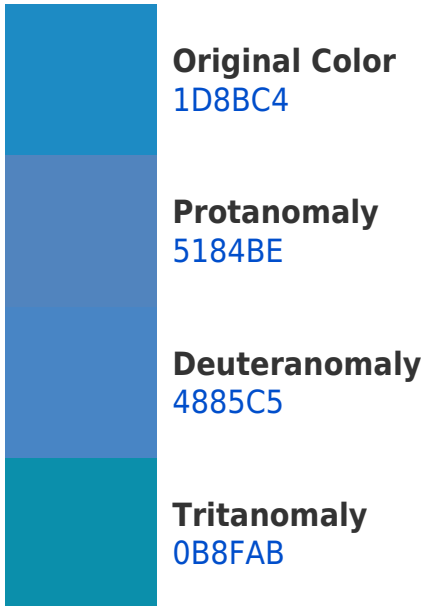
Protanopia
6F80BB

Deuteranopia
6182C6

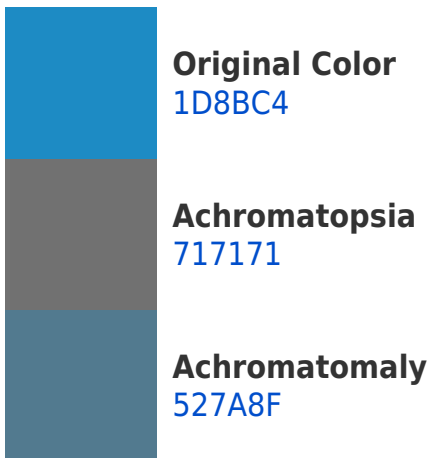


Tritanopia
00919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D8BC4 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 #1D8BC4 looks like.

```
.text, #text, p{  
    color:#1D8BC4  
}
```

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 #1D8BC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D8BC4
}
```

Border

The CSS property to change the border of an element to Hex 1D8BC4 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
#1D8BC4 }
```

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

```
.border{ border-color:#1D8BC4 }
```

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

Here you see how a box with a 4 pixel #1D8BC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D8BC4; -webkit-box-shadow:4px 4px  
4px 4px #1D8BC4; box-shadow:4px 4px 4px  
4px #1D8BC4 }
```

Background

The CSS property to change the background color of an element to Hex 1D8BC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D8BC4 }
```

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

```
.background{ background-color:#1D8BC4 }
```

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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