

# Converting Colors

Hex(1863CC)

Have a look what the booklet for  
Hex(1863CC) contains.

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# Color

Hex(1863CC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1863CC
RGB	24, 99, 204
RGB Percent	9%, 39%, 80%
CMY	0.9059, 0.6118, 0.2000
CMYK	0.88, 0.51, 0.00, 0.20
HSL	215°, 79%, 45%
HSV	215°, 88%, 80%
XYZ	15.7376, 13.4775, 58.8987
YIQ	88.5450, -78.4050, 16.7550

# Conversions

## Conversions Part 2

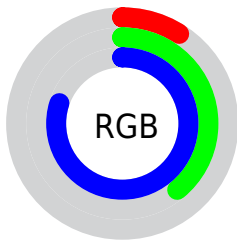
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">24, 77, 204</a>
Decimal	<a href="#">1598412</a>
CIELab	<a href="#">43.47, 18.21, -60.42</a>
CIELCh	<a href="#">43, 63.101, 286.769</a>
Yxy	<a href="#">13.4775, 0.1786, 0.1530</a>
Android (android.graphics.Color)	<a href="#">4279788492 (0xFF1863CC)</a>
YUV	<a href="#">88.5450, 56.9193, -56.6060</a>
Hunter-Lab	<a href="#">36.7117, 12.2740, -69.4241</a>

# Details

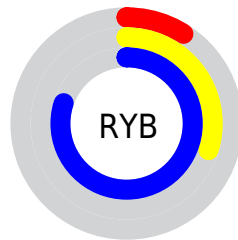
The Hex color **1863CC** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **CC8118**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6995FF**, and **003695** is the 20% darker color. If you saturate the color by 10%, you get **0457CC**, and if you desaturate by 10%, it is **2C6FCC**.

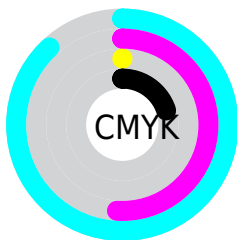
# Distribution



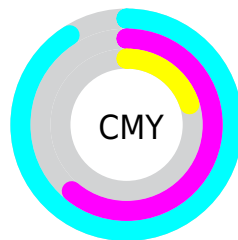
- Red (9%)
- Green (39%)
- Blue (80%)



- Red (9%)
- Yellow (30%)
- Blue (80%)



- Cyan (88%)
- Magenta (51%)
- Yellow (0%)
- Black (20%)



- Cyan (91%)
- Magenta (61%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1863CC 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 1863CC by changing the saturation by 10% instead.



 1863CC

 1863CC

FFFFFF

 004CB0

 6995FF

 003695

 88AFFF

 00227A

 A7CBFF

 000D61

 C5E7FF

 000848

 E4FFFF

 000431

 00011B

 000000

 1863CC

 1863CC

■ 0457CC

■ 2C6FCC

■ 0055CC

■ 417BCC

■ 5587CC

■ 6A93CC

■ 7E9FCC

■ 92AACC

■ A7B6CC

■ BBC2CC

■ D0CECC

# Harmonies

## Analogous

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



0074CD



1863CC



8C49AF

# Triad

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



1863CC



B24319



007C4D

# Complementary

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



1863CC



CC8118

# 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.



167713



1863CC



905C00

# Square

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



1863CC



C1294C



616D00



007E84

# Rectangle

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



1863CC



AD3591



616D00



007B3B



# Sweetspot

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



1863CC



BDD8FF



18CC81



586880



000000



808080



# Same Dimension

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



1863CC



006AFF



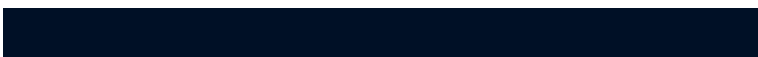
2718CC



5C6066



0045A6



001026



# Inverse Universe

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



CC1863



FF006A



BDCC18



665C60



A60045



260010



# Previews

## White Background



This preview shows how the Hex color 1863CC looks on a white background.

## Color Contrast Check

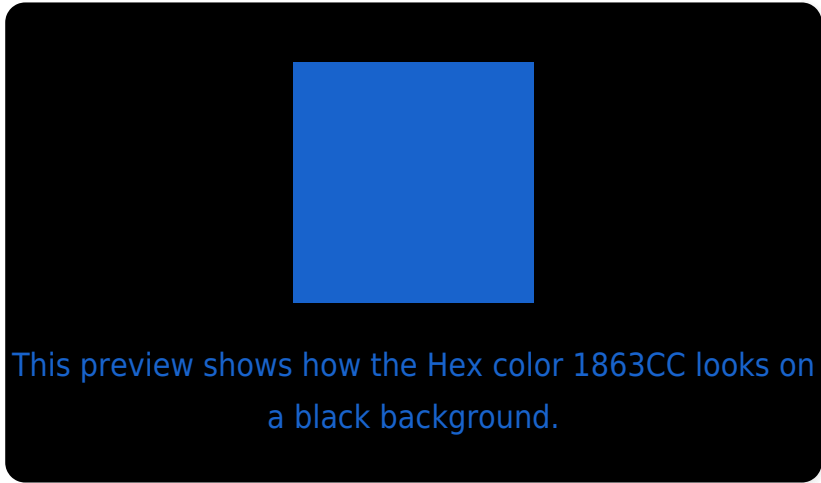
Large Text (above 18pt) WCAG AA ✓ Pass

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 1863CC Background



This preview shows how black text looks on a background with the Hex color 1863CC.



This preview shows how white text looks on a background with the Hex color 1863CC.

# Color Blindness Simulation

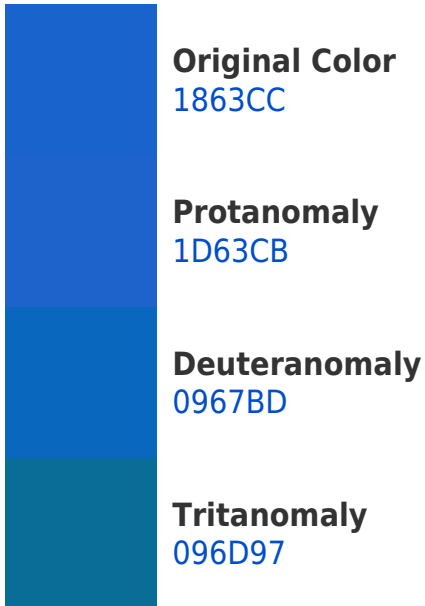
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

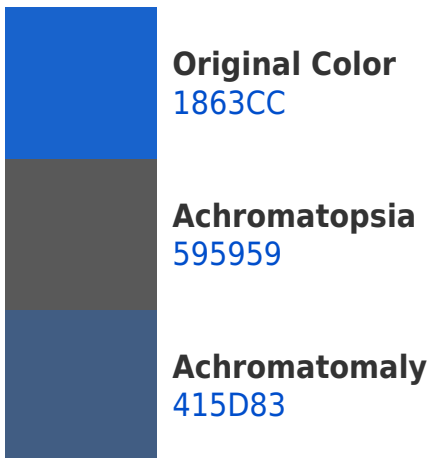




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1863CC 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 #1863CC looks like.

```
.text, #text, p{  
    color:#1863CC  
}
```

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 #1863CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1863CC }  
}
```

## Border

The CSS property to change the border of an element to Hex 1863CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

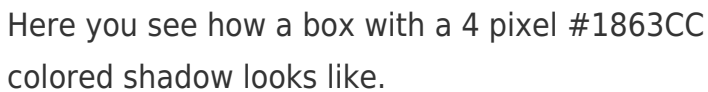
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #1863CC }  
}
```

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

```
.border{ border-color:#1863CC }
```

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



Here you see how a box with a 4 pixel `#1863CC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1863CC; -webkit-box-shadow:4px 4px  
4px 4px #1863CC; box-shadow:4px 4px 4px  
4px #1863CC }
```

# Background

The CSS property to change the background color of an element to Hex 1863CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1863CC }
```

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

```
.background{ background-color:#1863CC }
```

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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