

# Converting Colors

Hex(1C62CB)

Have a look what the booklet for  
Hex(1C62CB) contains.

<b>Hex(1C62CB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(1C62CB)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C62CB
RGB	28, 98, 203
RGB Percent	11%, 38%, 80%
CMY	0.8902, 0.6157, 0.2039
CMYK	0.86, 0.52, 0.00, 0.20
HSL	216°, 76%, 45%
HSV	216°, 86%, 80%
XYZ	15.6261, 13.2940, 58.2423
YIQ	89.0400, -75.4250, 17.8150

# Conversions

## Conversions Part 2

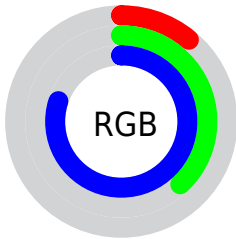
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">28, 78, 203</a>
Decimal	<a href="#">1860299</a>
CIELab	<a href="#">43.20, 18.72, -60.28</a>
CIELCh	<a href="#">43, 63.119, 287.257</a>
Yxy	<a href="#">13.2940, 0.1793, 0.1525</a>
Android (android.graphics.Color)	<a href="#">4280050379 (0xFF1C62CB)</a>
YUV	<a href="#">89.0400, 56.1823, -53.5321</a>
Hunter-Lab	<a href="#">36.4610, 12.6929, -69.1864</a>

# Details

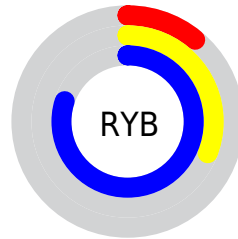
The Hex color **1C62CB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **CB851C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6A94FF**, and **003594** is the 20% darker color. If you saturate the color by 10%, you get **0856CB**, and if you desaturate by 10%, it is **306ECB**.

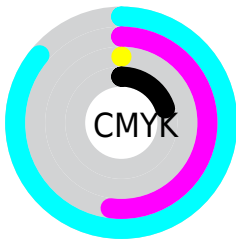
# Distribution



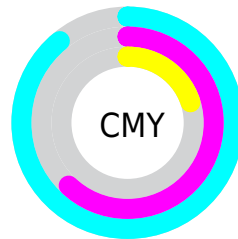
- Red (11%)
- Green (38%)
- Blue (80%)



- Red (11%)
- Yellow (31%)
- Blue (80%)



- Cyan (86%)
- Magenta (52%)
- Yellow (0%)
- Black (20%)



- Cyan (89%)
- Magenta (62%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C62CB 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 1C62CB by changing the saturation by 10% instead.



 1C62CB

 1C62CB

FFFFFF

 004BAF

 6A94FF

 003594

 89AEFF

 002179

 A8CAFF

 000C60

 C6E6FF

 000847

 E4FFFF

 000430

 00011A

 000000

 1C62CB

 1C62CB

■ 0856CB

■ 306ECB

■ 0051CB

■ 457ACB

■ 5987CB

■ 6D93CB

■ 829FCB

■ 96ABCB

■ AAB7CB

■ BEC3CB

■ D3D0CB

# Harmonies

## Analogous

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



0073CD



1C62CB



8D48AE

# Triad

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



1C62CB



B04318



007B4D

# Complementary

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



1C62CB



CB851C

# 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.



127713



1C62CB



8E5C00

# Square

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



1C62CB



C0284B



606D00



007D84

# Rectangle

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



1C62CB



AD3490



606D00



007A3B



# Sweetspot

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



1C62CB



BDD7FF



1CCB85



586880



000000



808080



# Same Dimension

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



1C62CB



0066FF



2D1CCB



5C6066



0042A6



000F26



# Inverse Universe

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



CB1C62



FF0066



BACB1C



665C60



A60042



26000F



# Previews

## White Background



This preview shows how the Hex color 1C62CB looks on a white background.

## Color Contrast Check

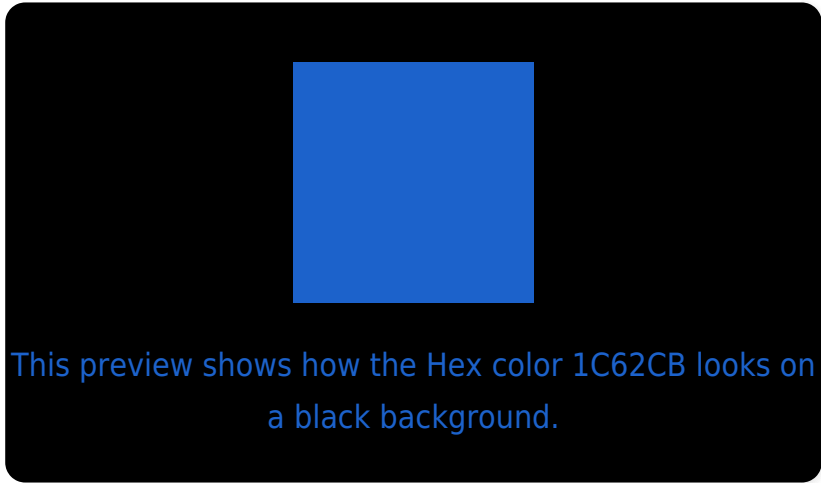
Large Text (above 18pt) WCAG AA ✓ Pass

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

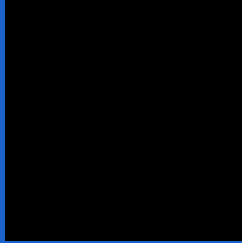
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

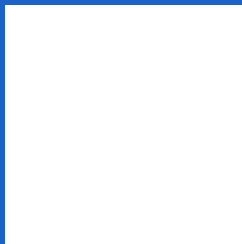
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1C62CB Background



This preview shows how black text looks on a background with the Hex color 1C62CB.



This preview shows how white text looks on a background with the Hex color 1C62CB.

# Color Blindness Simulation

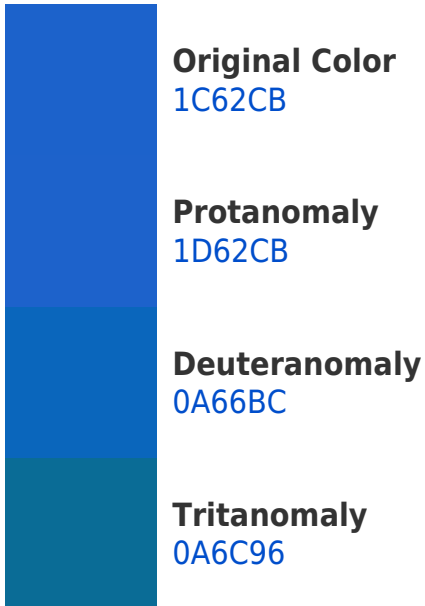
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

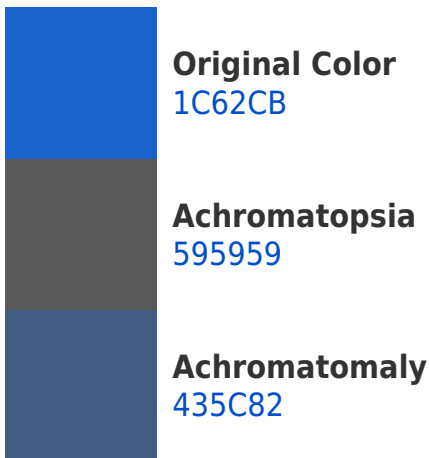




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C62CB 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 #1C62CB looks like.

```
.text, #text, p{  
    color:#1C62CB  
}
```

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 #1C62CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C62CB  
}
```

## Border

The CSS property to change the border of an element to Hex 1C62CB 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  
#1C62CB }
```

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

```
.border{ border-color:#1C62CB }
```

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

Here you see how a box with a 4 pixel #1C62CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C62CB; -webkit-box-shadow:4px 4px  
4px 4px #1C62CB; box-shadow:4px 4px 4px  
4px #1C62CB }
```

# Background

The CSS property to change the background color of an element to Hex 1C62CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C62CB }
```

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

```
.background{ background-color:#1C62CB }
```

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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