

Converting Colors

Hex(1C6EC4)

Have a look what the booklet for
Hex(1C6EC4) contains.

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Color

Hex(1C6EC4)

Conversions

Conversions Part 1

Format	Color
Hex	1C6EC4
RGB	28, 110, 196
RGB Percent	11%, 43%, 77%
CMY	0.8902, 0.5686, 0.2314
CMYK	0.86, 0.44, 0.00, 0.23
HSL	211°, 75%, 44%
HSV	211°, 86%, 77%
XYZ	16.0186, 15.3843, 54.3497
YIQ	95.2860, -76.4780, 9.3620

Conversions

Conversions Part 2

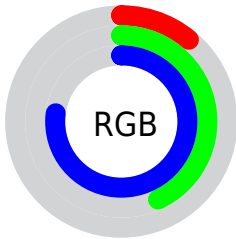
Format	Color
R_{YB}	28, 83, 196
Decimal	1863364
CIE _{Lab}	46.16, 8.27, -51.49
CIE _{LCh}	46, 52.145, 279.126
Yxy	15.3843, 0.1868, 0.1794
Android (android.graphics.Color)	4280053444 (0xFF1C6EC4)
YUV	95.2860, 49.6520, -59.0098
Hunter-Lab	39.2228, 4.2597, -54.7003

Details

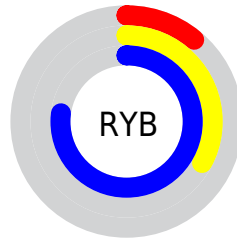
The Hex color **1C6EC4** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C4721C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **68A1FD**, and **003F8E** is the 20% darker color. If you saturate the color by 10%, you get **0864C4**, and if you desaturate by 10%, it is **3078C4**.

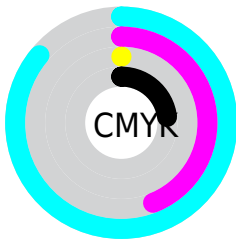
Distribution



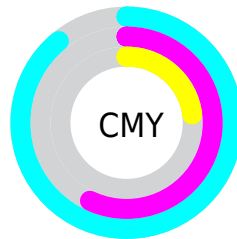
- Red (11%)
- Green (43%)
- Blue (77%)



- Red (11%)
- Yellow (33%)
- Blue (77%)



- Cyan (86%)
- Magenta (44%)
- Yellow (0%)
- Black (23%)



- Cyan (89%)
- Magenta (57%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C6EC4 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 1C6EC4 by changing the saturation by 10% instead.

 1C6EC4

 1C6EC4

FFFFFF

 0056A8

 68A1FD

 003F8E

 86BCFF

 002A73

 A5D7FF

 00175A

 C3F4FF

 000742

 E1FFFF

 00032B

 000115

 000000

 1C6EC4

 1C6EC4

0864C4

3078C4

0060C4

4382C4

578CC4

6A96C4

7EA0C4

92AAC4

A5B4C4

B9BEC4

CCC8C4

Harmonies

Analogous

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



007ABF



1C6EC4



805CB2

Triad

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



1C6EC4



B44D38



00804C

Complementary

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



1C6EC4



C4721C

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.



477A23



1C6EC4



9B6015

Square

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



1C6EC4



BC4262



777003



00827A

Rectangle

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



1C6EC4



A04E9B



777003



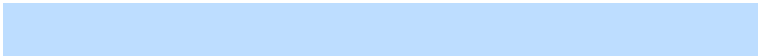
077E3E

Sweetspot

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



1C6EC4



BDDDFE



1CC470



586B80



000000



808080

Same Dimension

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



1C6EC4



007CFF



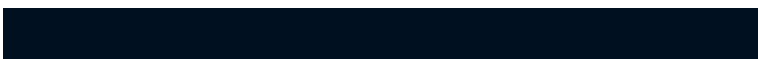
1C1CC4



575C61



004EA1



001021

Inverse Universe

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



C41C6E



FF007C



C4C41C



61575C



A1004E



210010

Previews

White Background



This preview shows how the Hex color 1C6EC4 looks on a white background.

Color Contrast Check

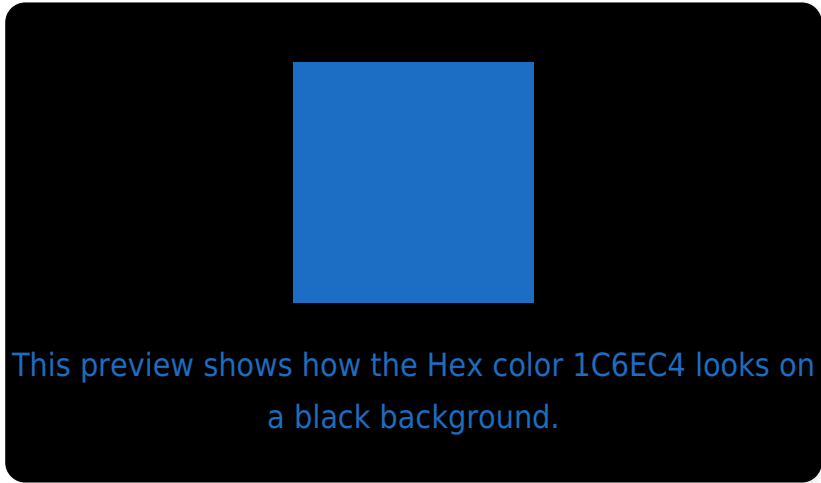
Large Text (above 18pt) WCAG AA ✓ Pass

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

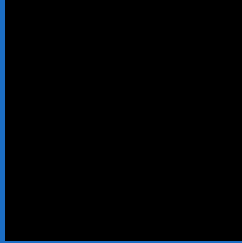
Any Text WCAG AA × Fail

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 1C6EC4 Background



This preview shows how black text looks on a background with the Hex color 1C6EC4.



This preview shows how white text looks on a background with the Hex color 1C6EC4.

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
007981

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1C6EC4 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 #1C6EC4 looks like.

```
.text, #text, p{  
    color:#1C6EC4  
}
```

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 #1C6EC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C6EC4
}
```

Border

The CSS property to change the border of an element to Hex 1C6EC4 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
#1C6EC4 }
```

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

```
.border{ border-color:#1C6EC4 }
```

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

Here you see how a box with a 4 pixel #1C6EC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C6EC4; -webkit-box-shadow:4px 4px  
4px 4px #1C6EC4; box-shadow:4px 4px 4px  
4px #1C6EC4 }
```

Background

The CSS property to change the background color of an element to Hex 1C6EC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C6EC4 }
```

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

```
.background{ background-color:#1C6EC4 }
```

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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