

Converting Colors

Hex(1C4EC1)

Have a look what the booklet for
Hex(1C4EC1) contains.

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Color

Hex(1C4EC1)

Conversions

Conversions Part 1

Format	Color
Hex	1C4EC1
RGB	28, 78, 193
RGB Percent	11%, 31%, 76%
CMY	0.8902, 0.6941, 0.2431
CMYK	0.85, 0.60, 0.00, 0.24
HSL	222°, 75%, 43%
HSV	222°, 85%, 76%
XYZ	12.8289, 9.5459, 51.6185
YIQ	76.1600, -66.7150, 25.1650

Conversions

Conversions Part 2

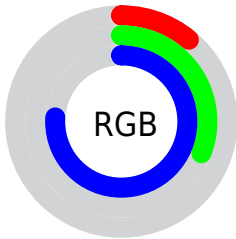
Format	Color
R_{YB}	28, 66, 193
Decimal	1855169
CIE _{Lab}	37.01, 27.97, -64.54
CIE _{LCh}	37, 70.342, 293.428
Yxy	9.5459, 0.1734, 0.1290
Android (android.graphics.Color)	4280045249 (0xFF1C4EC1)
YUV	76.1600, 57.6021, -42.2363
Hunter-Lab	30.8965, 20.0485, -77.4278

Details

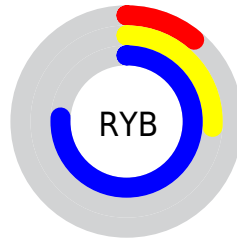
The Hex color **1C4EC1** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **C18F1C**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **687EFA**, and **00238A** is the 20% darker color. If you saturate the color by 10%, you get **0941C1**, and if you desaturate by 10%, it is **2F5BC1**.

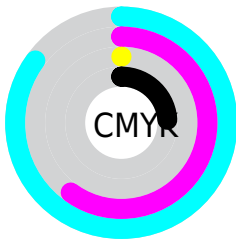
Distribution



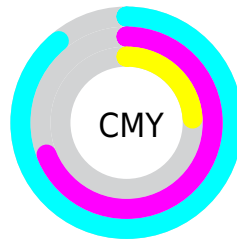
- Red (11%)
- Green (31%)
- Blue (76%)



- Red (11%)
- Yellow (26%)
- Blue (76%)



- Cyan (85%)
- Magenta (60%)
- Yellow (0%)
- Black (24%)



- Cyan (89%)
- Magenta (69%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C4EC1 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 1C4EC1 by changing the saturation by 10% instead.

■ 1C4EC1

■ 1C4EC1

FFFFFF

■ 0038A5

■ 687EFA

■ 00238A

■ 8798FF

■ 001170

■ A6B3FF

■ 000057

■ C4CEFF

■ 00063E

■ E2EAFF

■ 000328

■ 000111

■ 000000

■ 1C4EC1

■ 1C4EC1

■ 0941C1

■ 2F5BC1

■ 003AC1

■ 4369C1

■ 5676C1

■ 6984C1

■ 7D91C1

■ 909FC1

■ A3ACC1

■ B6BAC1

■ CAC7C1

Harmonies

Analogous

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



0063CA



1C4EC1



8C299C

Triad

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



1C4EC1



9D3300



006D48

Complementary

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



1C4EC1



C18F1C

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.



006900



1C4EC1



755100

Square

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



1C4EC1



B4002F



406100



006E83

Rectangle

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



1C4EC1



A90079



406100



006C34

Sweetspot

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



1C4EC1



B9CDFA



1CC18D



56627D



FCFCFC



7D7D7D

Same Dimension

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



1C4EC1



004CFA



3A1CC1



575A61



0031A1



000A21

Inverse Universe

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



C11C4E



FA004C



A3C11C



61575A



A10031



21000A

Previews

White Background



This preview shows how the Hex color 1C4EC1 looks on a white background.

Color Contrast Check

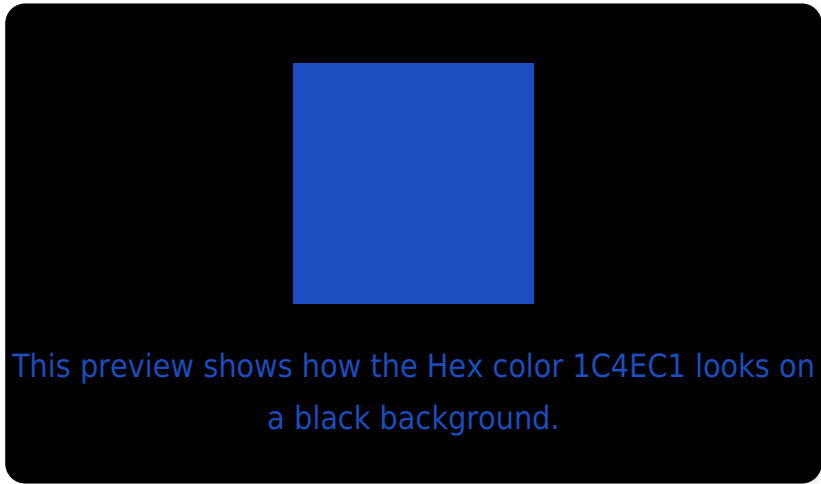
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

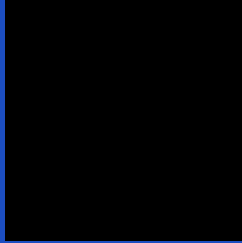
Any Text WCAG AA × Fail

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 1C4EC1 Background



This preview shows how black text looks on a background with the Hex color 1C4EC1.



This preview shows how white text looks on a background with the Hex color 1C4EC1.

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
1C4EC1

Protanopia
0053B1

Deuteranopia
005998



Trichromacy



Original Color
1C4EC1

Protanomaly
0A51B7

Deuteranomaly
0A55A7

Tritanomaly
0A5987

Monochromacy



Original Color
1C4EC1

Achromatopsia
4C4C4C

Achromatomaly
3B4D77

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C4EC1 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 #1C4EC1 looks like.

```
.text, #text, p{  
    color:#1C4EC1  
}
```

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 #1C4EC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C4EC1
}
```

Border

The CSS property to change the border of an element to Hex 1C4EC1 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
#1C4EC1 }
```

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

```
.border{ border-color:#1C4EC1 }
```

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

Here you see how a box with a 4 pixel #1C4EC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C4EC1; -webkit-box-shadow:4px 4px  
4px 4px #1C4EC1; box-shadow:4px 4px 4px  
4px #1C4EC1 }
```

Background

The CSS property to change the background color of an element to Hex 1C4EC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C4EC1 }
```

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

```
.background{ background-color:#1C4EC1 }
```

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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