

Converting Colors

Hex(1C64E0)

Have a look what the booklet for
Hex(1C64E0) contains.

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Color

Hex(1C64E0)

Conversions

Conversions Part 1

Format	Color
Hex	1C64E0
RGB	28, 100, 224
RGB Percent	11%, 39%, 88%
CMY	0.8902, 0.6078, 0.1216
CMYK	0.87, 0.55, 0.00, 0.12
HSL	218°, 78%, 49%
HSV	218°, 87%, 88%
XYZ	18.4906, 14.7430, 72.3921
YIQ	92.6080, -82.7160, 23.3000

Conversions

Conversions Part 2

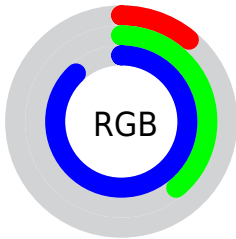
Format	Color
R_{YB}	28, 81, 224
Decimal	1860832
CIE _{Lab}	45.28, 25.58, -68.90
CIE _{LCh}	45, 73.497, 290.366
Yxy	14.7430, 0.1751, 0.1396
Android (android.graphics.Color)	4280050912 (0xFF1C64E0)
YUV	92.6080, 64.7763, -56.6612
Hunter-Lab	38.3967, 18.7657, -84.9063

Details

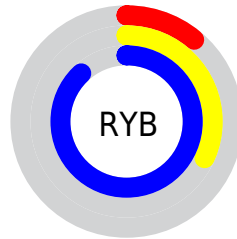
The Hex color **1C64E0** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **E0981C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **6F96FF**, and **0037A8** is the 20% darker color. If you saturate the color by 10%, you get **0656E0**, and if you desaturate by 10%, it is **3272E0**.

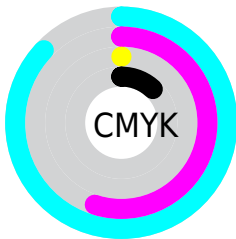
Distribution



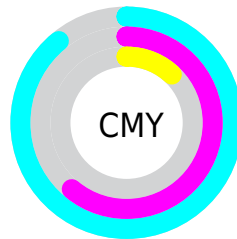
- Red (11%)
- Green (39%)
- Blue (88%)



- Red (11%)
- Yellow (32%)
- Blue (88%)



- Cyan (87%)
- Magenta (55%)
- Yellow (0%)
- Black (12%)



- Cyan (89%)
- Magenta (61%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C64E0 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 1C64E0 by changing the saturation by 10% instead.

■ 1C64E0

■ 1C64E0

FFFFFF

■ 004DC3

■ 6F96FF

■ 0037A8

■ 90B1FF

■ 00238D

■ AFCCFF

■ 001172

■ CEE8FF

■ 000959

■ EDFFFF

■ 000740

■ 000329

■ 000113

■ 000000

■ 1C64E0

■ 1C64E0

■ 0656E0

■ 3272E0

■ 0052E0

■ 4980E0

■ 5F8FE0

■ 769DE0

■ 8CABE0

■ A2B9E0

■ B9C7E0

■ CFD5E0

■ E6E4E0

Harmonies

Analogous

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



0079E6



1C64E0



9F41BB

Triad

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



1C64E0



BD4300



008455

Complementary

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



1C64E0



E0981C

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.



007F0A



1C64E0



936200

Square

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



1C64E0



D31545



5B7500



008594

Rectangle

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



1C64E0



C12296



5B7500



00823F

Sweetspot

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



1C64E0



BDD5FF



1CE095



586680



000000



808080

Same Dimension

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



1C64E0



005EFF



331CE0



656970



0041B0



001230

Inverse Universe

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



E01C64



FF005E



C9E01C



706569



B00041



300012

Previews

White Background



This preview shows how the Hex color 1C64E0 looks on a white background.

Color Contrast Check

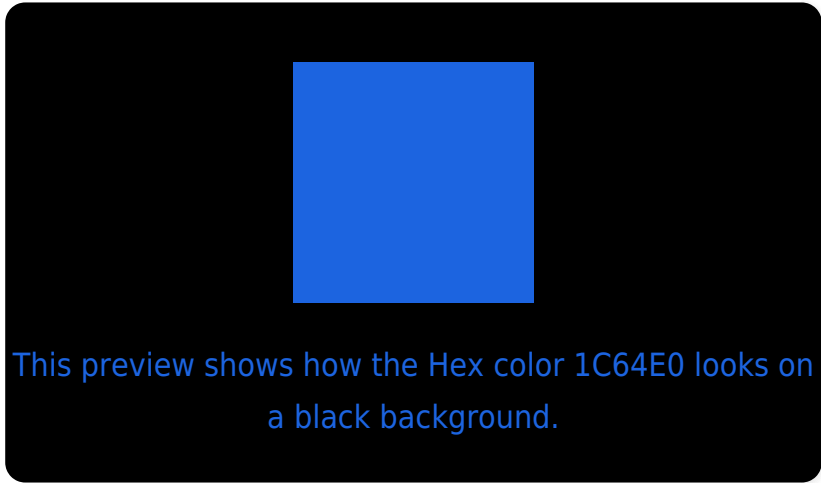
Large Text (above 18pt) WCAG AA ✓ Pass

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

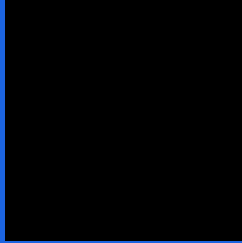
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

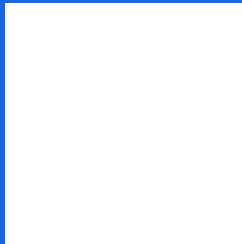
Any Text WCAG AAA × Fail

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

Hex 1C64E0 Background



This preview shows how black text looks on a background with the Hex color 1C64E0.

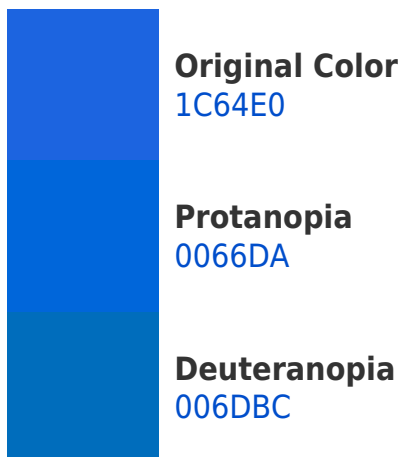


This preview shows how white text looks on a background with the Hex color 1C64E0.

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
00767E

Trichromacy



Original Color
1C64E0

Protanomaly
0A65DC

Deuteranomaly
0A6AC9

Tritanomaly
0A6FA2

Monochromacy



Original Color
1C64E0

Achromatopsia
5D5D5D

Achromatomaly
45608D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C64E0 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 #1C64E0 looks like.

```
.text, #text, p{  
    color:#1C64E0  
}
```

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 #1C64E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C64E0
}
```

Border

The CSS property to change the border of an element to Hex 1C64E0 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
#1C64E0 }
```

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

```
.border{ border-color:#1C64E0 }
```

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

Here you see how a box with a 4 pixel #1C64E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C64E0; -webkit-box-shadow:4px 4px  
4px 4px #1C64E0; box-shadow:4px 4px 4px  
4px #1C64E0 }
```

Background

The CSS property to change the background color of an element to Hex 1C64E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C64E0 }
```

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

```
.background{ background-color:#1C64E0 }
```

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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