

Converting Colors

Hex(1C2DED)

Have a look what the booklet for
Hex(1C2DED) contains.

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Color

Hex(1C2DED)

Conversions

Conversions Part 1

Format	Color
Hex	1C2DED
RGB	28, 45, 237
RGB Percent	11%, 18%, 93%
CMY	0.8902, 0.8235, 0.0706
CMYK	0.88, 0.81, 0.00, 0.07
HSL	235°, 85%, 52%
HSV	235°, 88%, 93%
XYZ	16.7033, 8.2381, 80.8305
YIQ	61.8050, -71.7640, 56.1080

Conversions

Conversions Part 2

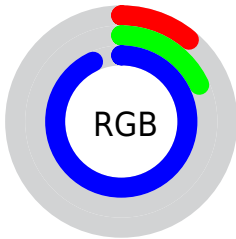
Format	Color
RYB	28, 44, 237
Decimal	1846765
CIELab	34.47, 62.50, -94.07
CIELCh	34, 112.942, 303.602
Yxy	8.2381, 0.1579, 0.0779
Android (android.graphics.Color)	4280036845 (0xFF1C2DED)
YUV	61.8050, 86.3711, -29.6470
Hunter-Lab	28.7020, 53.6506, -146.8807

Details

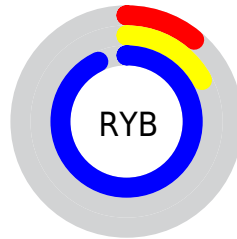
The Hex color **1C2DED** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **EDDC1C**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **785FFF**, and **0000B3** is the 20% darker color. If you saturate the color by 10%, you get **0417ED**, and if you desaturate by 10%, it is **3443ED**.

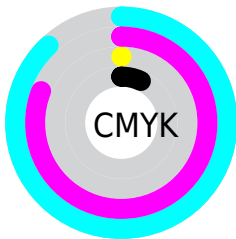
Distribution



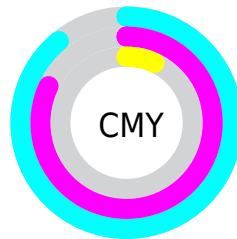
- Red (11%)
- Green (18%)
- Blue (93%)



- Red (11%)
- Yellow (17%)
- Blue (93%)



- Cyan (88%)
- Magenta (81%)
- Yellow (0%)
- Black (7%)



- Cyan (89%)
- Magenta (82%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C2DED 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 1C2DED by changing the saturation by 10% instead.

 1C2DED

 1C2DED

FFFFFF

 0013D0

 785FFF

 0000B3

 9A79FF

 000098

 BA94FF

 00007D

 DAAFFF

 000F62

 FBCBFF

 000949

 FFE8FF

 000432

 00011C

 000000

■ 1C2DED

■ 1C2DED

■ 0417ED

■ 3443ED

■ 0013ED

■ 4B59ED

■ 636EED

■ 7B84ED

■ 939AED

■ AAB0ED

■ C2C5ED

■ DADBED

■ F1F1ED

Harmonies

Analogous

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



0060FF



1C2DED



BB00A4

Triad

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



1C2DED



9F1E00



006C5B

Complementary

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



1C2DED



EDDC1C

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.



006A00



1C2DED



5A5300

Square

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



1C2DED



CE0000



006400



006FB6

Rectangle

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



1C2DED



D80069



006400



006B3B

Sweetspot

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



1C2DED



BDC2FF



1CEDDC



585B80



000000



808080

Same Dimension

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



1C2DED



0015FF



731CED



6A6B75



000FB5



000436

Inverse Universe

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



ED1C2D



FF0015



96ED1C



756A6B



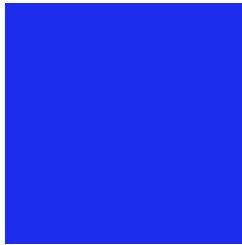
B5000F



360004

Previews

White Background



This preview shows how the Hex color 1C2DED looks on a white background.

Color Contrast Check

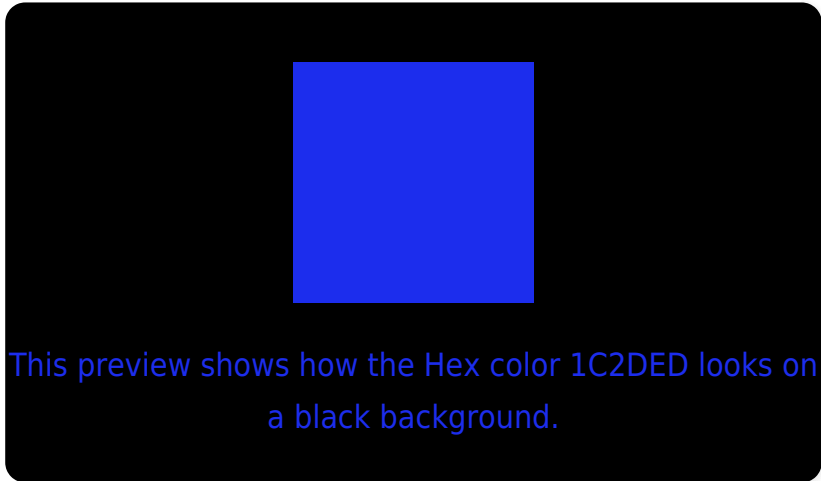
Large Text (above 18pt) WCAG AA ✓ Pass

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

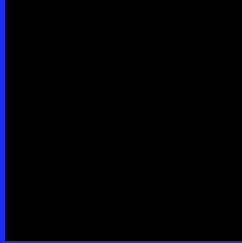
Any Text WCAG AA × Fail

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 1C2DED Background



This preview shows how black text looks on a background with the Hex color 1C2DED.

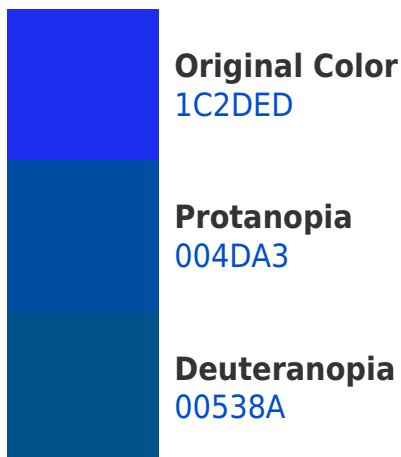


This preview shows how white text looks on a background with the Hex color 1C2DED.

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



Original Color
1C2DED

Protanomaly
0A41BE

Deuteranomaly
0A45AE

Tritanomaly
0A4992

Monochromacy



Original Color
1C2DED

Achromatopsia
3E3E3E

Achromatomaly
32387E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C2DED 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 #1C2DED looks like.

```
.text, #text, p{  
    color:#1C2DED  
}
```

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 #1C2DED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C2DED
}
```

Border

The CSS property to change the border of an element to Hex 1C2DED 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
#1C2DED }
```

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

```
.border{ border-color:#1C2DED }
```

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

Here you see how a box with a 4 pixel #1C2DED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C2DED; -webkit-box-shadow:4px 4px  
4px 4px #1C2DED; box-shadow:4px 4px 4px  
4px #1C2DED }
```

Background

The CSS property to change the background color of an element to Hex 1C2DED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C2DED }
```

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

```
.background{ background-color:#1C2DED }
```

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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