

Converting Colors

Hex(2C4ED3)

Have a look what the booklet for
Hex(2C4ED3) contains.

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Color

Hex(2C4ED3)

Conversions

Conversions Part 1

Format	Color
Hex	2C4ED3
RGB	44, 78, 211
RGB Percent	17%, 31%, 83%
CMY	0.8275, 0.6941, 0.1725
CMYK	0.79, 0.63, 0.00, 0.17
HSL	228°, 65%, 50%
HSV	228°, 79%, 83%
XYZ	15.5210, 10.6874, 62.8728
YIQ	82.9960, -62.9570, 34.1550

Conversions

Conversions Part 2

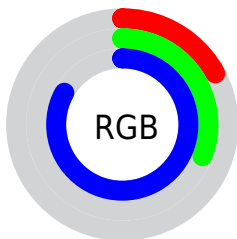
Format	Color
R_{YB}	44, 72, 211
Decimal	2903763
CIE Lab	39.05, 36.01, -71.63
CIE LCh	39, 80.177, 296.691
Yxy	10.6874, 0.1742, 0.1200
Android (android.graphics.Color)	4281093843 (0xFF2C4ED3)
YUV	82.9960, 63.1060, -34.1995
Hunter-Lab	32.6916, 27.5361, -91.1431

Details

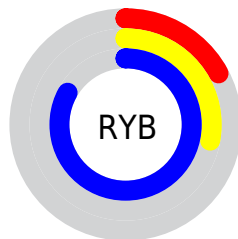
The Hex color **2C4ED3** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **D3B12C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **757FFF**, and **00239B** is the 20% darker color. If you saturate the color by 10%, you get **173DD3**, and if you desaturate by 10%, it is **415FD3**.

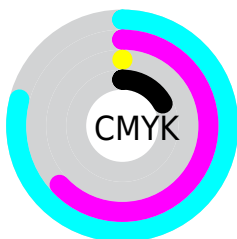
Distribution



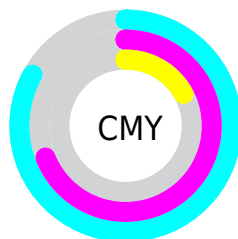
- Red (17%)
- Green (31%)
- Blue (83%)



- Red (17%)
- Yellow (28%)
- Blue (83%)



- Cyan (79%)
- Magenta (63%)
- Yellow (0%)
- Black (17%)



- Cyan (83%)
- Magenta (69%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4ED3 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 2C4ED3 by changing the saturation by 10% instead.

■ 2C4ED3

■ 2C4ED3

FFFFFF

■ 0037B7

■ 757FFF

■ 00239B

■ 9499FF

■ 001180

■ B3B3FF

■ 000066

■ D1CFFF

■ 000A4D

■ FOEBFF

■ 000535

■ 00021F

■ 000003

■ 000000

■ 2C4ED3

■ 2C4ED3

■ 173DD3

■ 415FD3

■ 022CD3

■ 5670D3

■ 002BD3

■ 6B80D3

■ 8091D3

■ 96A2D3

■ ABB3D3

■ C0C4D3

■ D5D4D3

■ EAE5D3

Harmonies

Analogous

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



0068E1



2C4ED3



9F16A5

Triad

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



2C4ED3



A73600



007453

Complementary

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



2C4ED3



D3B12C

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.



007100



2C4ED3



775700

Square

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



2C4ED3



C30027



366900



007696

Rectangle

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



2C4ED3



BD007C



366900



00743B

Sweetspot

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



2C4ED3



C2CEFF



2CD3AF



5B6280



000000



808080

Same Dimension

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



2C4ED3



0D3EFF



5B2CD3



5E6069



0022A8



000829

Inverse Universe

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



D32C4E



FF0D3E



A4D32C



695E60



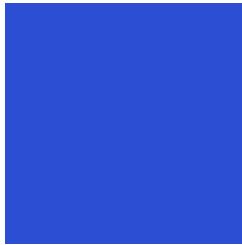
A80022



290008

Previews

White Background



This preview shows how the Hex color 2C4ED3 looks on a white background.

Color Contrast Check

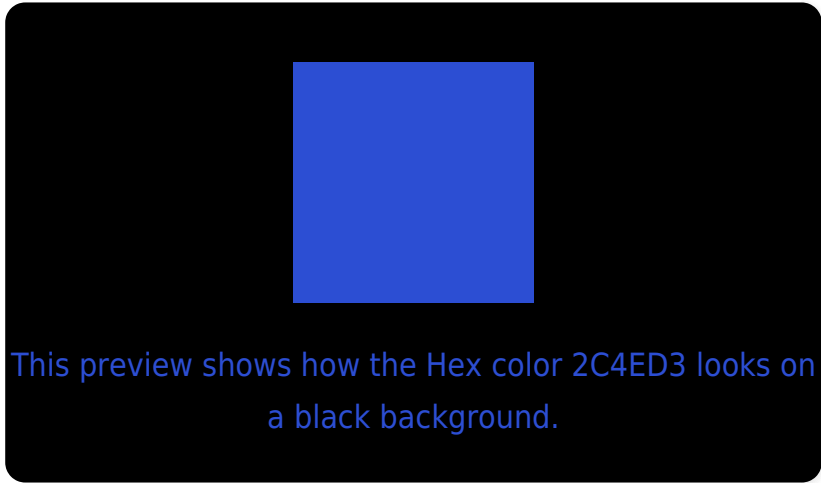
Large Text (above 18pt) WCAG AA ✓ Pass

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

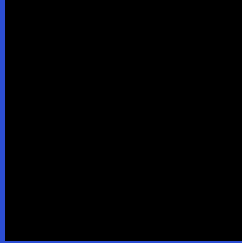
Any Text WCAG AA × Fail

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 2C4ED3 Background



This preview shows how black text looks on a background with the Hex color 2C4ED3.

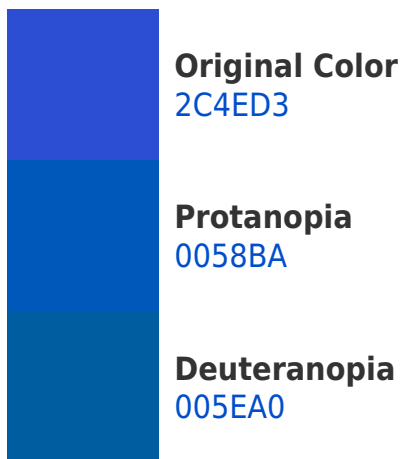


This preview shows how white text looks on a background with the Hex color 2C4ED3.

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
00656C

Trichromacy



Original Color
2C4ED3

Protanomaly
1054C3

Deuteranomaly
1058B3

Tritanomaly
105D91

Monochromacy



Original Color
2C4ED3

Achromatopsia
535353

Achromatomaly
455182

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4ED3 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 #2C4ED3 looks like.

```
.text, #text, p{  
    color:#2C4ED3  
}
```

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 #2C4ED3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4ED3
}
```

Border

The CSS property to change the border of an element to Hex 2C4ED3 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
#2C4ED3 }
```

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

```
.border{ border-color:#2C4ED3 }
```

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

Here you see how a box with a 4 pixel #2C4ED3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4ED3; -webkit-box-shadow:4px 4px  
4px 4px #2C4ED3; box-shadow:4px 4px 4px  
4px #2C4ED3 }
```

Background

The CSS property to change the background color of an element to Hex 2C4ED3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4ED3 }
```

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

```
.background{ background-color:#2C4ED3 }
```

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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