

Converting Colors

Hex(2B4ED9)

Have a look what the booklet for
Hex(2B4ED9) contains.

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Color

Hex(2B4ED9)

Conversions

Conversions Part 1

Format	Color
Hex	2B4ED9
RGB	43, 78, 217
RGB Percent	17%, 31%, 85%
CMY	0.8314, 0.6941, 0.1490
CMYK	0.80, 0.64, 0.00, 0.15
HSL	228°, 70%, 51%
HSV	228°, 80%, 85%
XYZ	16.2450, 10.9721, 66.9073
YIQ	83.3810, -65.4790, 35.8090

Conversions

Conversions Part 2

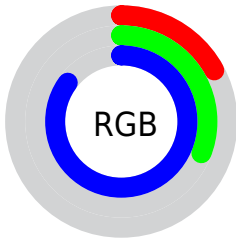
Format	Color
R _Y B	43, 72, 217
Decimal	2838233
CIE Lab	39.53, 38.11, -74.29
CIE LCh	40, 83.492, 297.159
Yxy	10.9721, 0.1726, 0.1166
Android (android.graphics.Color)	4281028313 (0xFF2B4ED9)
YUV	83.3810, 65.8742, -35.4141
Hunter-Lab	33.1242, 29.5741, -96.5724

Details

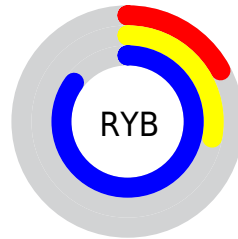
The Hex color **2B4ED9** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **D9B62B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **767FFF**, and **0023A1** is the 20% darker color. If you saturate the color by 10%, you get **153DD9**, and if you desaturate by 10%, it is **415FD9**.

Distribution



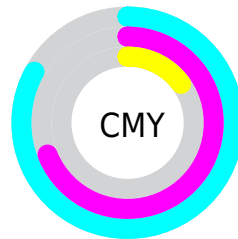
- Red (17%)
- Green (31%)
- Blue (85%)



- Red (17%)
- Yellow (28%)
- Blue (85%)



- Cyan (80%)
- Magenta (64%)
- Yellow (0%)
- Black (15%)



- Cyan (83%)
- Magenta (69%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4ED9 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 2B4ED9 by changing the saturation by 10% instead.

■ 2B4ED9

■ 2B4ED9

FFFFFF

■ 0037BD

■ 767FFF

■ 0023A1

■ 9599FF

■ 001186

■ B4B4FF

■ 00006C

■ D3CFFF

■ 000B52

■ F2EBFF

■ 00053A

■ 000224

■ 00000B

■ 000000

■ 2B4ED9

■ 2B4ED9

■ 153DD9

■ 415FD9

■ 002CD9

■ 5671D9

■ 6C82D9

■ 8293D9

■ 97A5D9

■ ADB6D9

■ C3C7D9

■ D9D9D9

■ EEEAD9

Harmonies

Analogous

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



0069E8



2B4ED9



A40BA8

Triad

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



2B4ED9



AA3500



007655

Complementary

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



2B4ED9



D9B62B

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.



007300



2B4ED9



785900

Square

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



2B4ED9



C80025



326B00



00789A

Rectangle

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



2B4ED9



C3007D



326B00



00753C

Sweetspot

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



2B4ED9



C2CEFF



2BD9B3



5B6280



000000



808080

Same Dimension

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



2B4ED9



0A3BFF



5C2BD9



63656E



0023AD



00092E

Inverse Universe

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



D92B4E



FF0A3B



A8D92B



6E6365



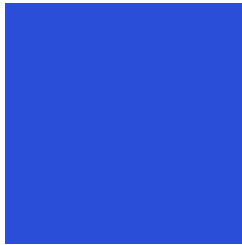
AD0023



2E0009

Previews

White Background



This preview shows how the Hex color 2B4ED9 looks on a white background.

Color Contrast Check

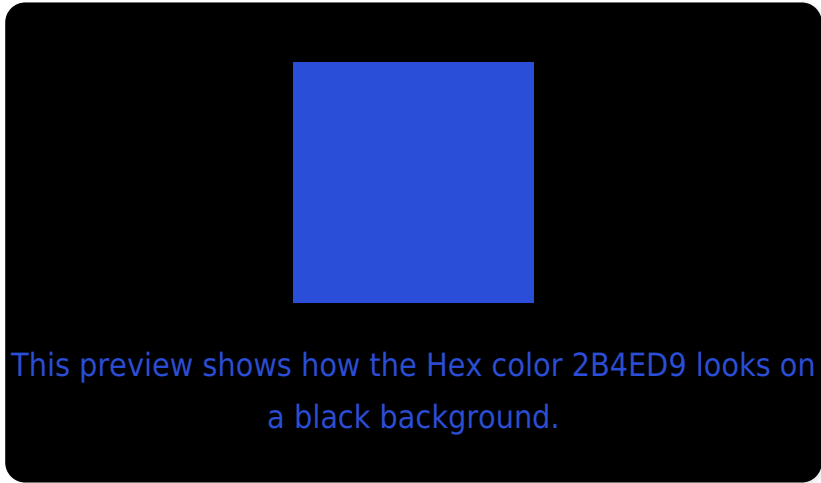
Large Text (above 18pt) WCAG AA ✓ Pass

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

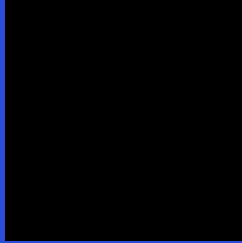
Any Text WCAG AA × Fail

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 2B4ED9 Background



This preview shows how black text looks on a background with the Hex color 2B4ED9.

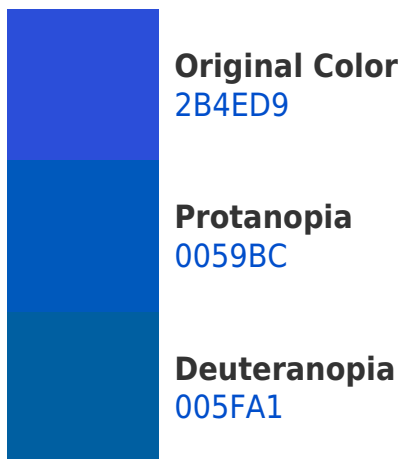


This preview shows how white text looks on a background with the Hex color 2B4ED9.

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
00676D

Trichromacy



Original Color
2B4ED9

Protanomaly
1055C7

Deuteranomaly
1059B5

Tritanomaly
105E94

Monochromacy



Original Color
2B4ED9

Achromatopsia
535353

Achromatomaly
445184

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4ED9 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 #2B4ED9 looks like.

```
.text, #text, p{  
    color:#2B4ED9  
}
```

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 #2B4ED9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4ED9
}
```

Border

The CSS property to change the border of an element to Hex 2B4ED9 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
#2B4ED9 }
```

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

```
.border{ border-color:#2B4ED9 }
```

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

Here you see how a box with a 4 pixel #2B4ED9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4ED9; -webkit-box-shadow:4px 4px  
4px 4px #2B4ED9; box-shadow:4px 4px 4px  
4px #2B4ED9 }
```

Background

The CSS property to change the background color of an element to Hex 2B4ED9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4ED9 }
```

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

```
.background{ background-color:#2B4ED9 }
```

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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