

Converting Colors

Hex(5821E4)

Have a look what the booklet for
Hex(5821E4) contains.

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Color

Hex(5821E4)

Conversions

Conversions Part 1

Format	Color
Hex	5821E4
RGB	88, 33, 228
RGB Percent	35%, 13%, 89%
CMY	0.6549, 0.8706, 0.1059
CMYK	0.61, 0.86, 0.00, 0.11
HSL	257°, 78%, 51%
HSV	257°, 86%, 89%
XYZ	18.5719, 8.7639, 74.1115
YIQ	71.6750, -29.8150, 72.3050

Conversions

Conversions Part 2

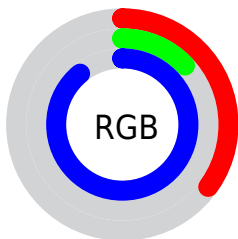
Format	Color
RYB	88, 33, 228
Decimal	5775844
CIELab	35.53, 68.05, -87.09
CIElCh	36, 110.524, 308.002
Yxy	8.7639, 0.1831, 0.0864
Android (android.graphics.Color)	4283965924 (0xFF5821E4)
YUV	71.6750, 77.0682, 14.3170
Hunter-Lab	29.6038, 60.1753, -127.7066

Details

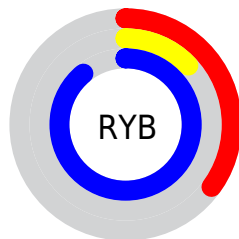
The Hex color **5821E4** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **ADE421**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **9A59FF**, and **0000AB** is the 20% darker color. If you saturate the color by 10%, you get **480AE4**, and if you desaturate by 10%, it is **6838E4**.

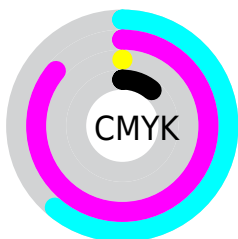
Distribution



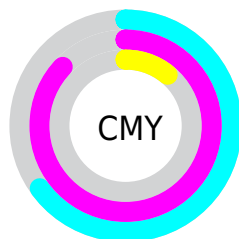
- Red (35%)
- Green (13%)
- Blue (89%)



- Red (35%)
- Yellow (13%)
- Blue (89%)



- Cyan (61%)
- Magenta (86%)
- Yellow (0%)
- Black (11%)



- Cyan (65%)
- Magenta (87%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5821E4 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 5821E4 by changing the saturation by 10% instead.

 5821E4

 5821E4

FFFFFF

 3000C7

 9A59FF

 0000AB

 B974FF

 00008F

 D88FFF

 000075

 F7ABFF

 00095B

 FFC7FF

 000742

 FFE4FF

 00032B

 000115

 000000

■ 5821E4

■ 5821E4

■ 480AE4

■ 6838E4

■ 4000E4

■ 794FE4

■ 8965E4

■ 997CE4

■ AA93E4

■ BAAAE4

■ CBC1E4

■ DBD7E4

■ EBEEE4

Harmonies

Analogous

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



005DFF



5821E4



C50098

Triad

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



5821E4



983000



006F6B

Complementary

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



5821E4



ADE421

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.



006D00



5821E4



515900

Square

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



5821E4



CA0000



006800



0072C2

Rectangle

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



5821E4



DC005E



006800



006F4B

Sweetspot

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



5821E4



CFBDFE



21B0E4



635880



000000



808080

Same Dimension

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



5821E4



4800FF



B721E4



6B6773



3200B3



0E0033

Inverse Universe

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



E421AD



FF00B7



4FE421



736770



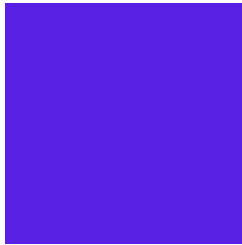
B30080



330025

Previews

White Background



This preview shows how the Hex color 5821E4 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 5821E4 Background



This preview shows how black text looks on a background with the Hex color 5821E4.




This preview shows how white text looks on a background with the Hex color 5821E4.

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
0A5C64

Trichromacy



Original Color
5821E4



Protanomaly
2040BE



Deuteranomaly
2043AF



Tritanomaly
264793

Monochromacy



Original Color
5821E4



Achromatopsia
484848



Achromatomaly
4E3A81

CSS Examples

Text

The CSS property to change the color of the text to Hex 5821E4 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 #5821E4 looks like.

```
.text, #text, p{  
    color:#5821E4  
}
```

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 #5821E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5821E4
}
```

Border

The CSS property to change the border of an element to Hex 5821E4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

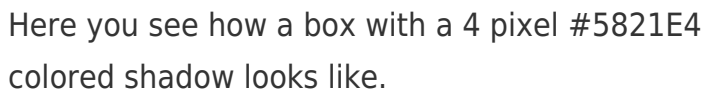
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5821E4 }
```

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

```
.border{ border-color:#5821E4 }
```

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



Here you see how a box with a 4 pixel #5821E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5821E4; -webkit-box-shadow:4px 4px  
4px 4px #5821E4; box-shadow:4px 4px 4px  
4px #5821E4 }
```

Background

The CSS property to change the background color of an element to Hex 5821E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5821E4 }
```

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

```
.background{ background-color:#5821E4 }
```

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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