

Converting Colors

Hex(2129B4)

Have a look what the booklet for
Hex(2129B4) contains.

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Color

Hex(2129B4)

Conversions

Conversions Part 1

Format	Color
Hex	2129B4
RGB	33, 41, 180
RGB Percent	13%, 16%, 71%
CMY	0.8706, 0.8392, 0.2941
CMYK	0.82, 0.77, 0.00, 0.29
HSL	237°, 69%, 42%
HSV	237°, 82%, 71%
XYZ	9.6584, 5.2045, 43.6755
YIQ	54.4540, -49.3870, 41.5330

Conversions

Conversions Part 2

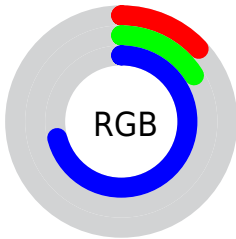
Format	Color
R_{YB}	33, 41, 180
Decimal	2173364
CIE _{Lab}	27.31, 46.64, -72.83
CIE _{LCh}	27, 86.484, 302.639
Yxy	5.2045, 0.1650, 0.0889
Android (android.graphics.Color)	4280363444 (0xFF2129B4)
YUV	54.4540, 61.8942, -18.8152
Hunter-Lab	22.8134, 35.6471, -97.5396

Details

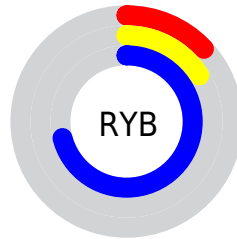
The Hex color **2129B4** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **B4AC21**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **6A58ED**, and **00007E** is the 20% darker color. If you saturate the color by 10%, you get **0F18B4**, and if you desaturate by 10%, it is **333AB4**.

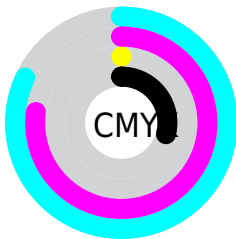
Distribution



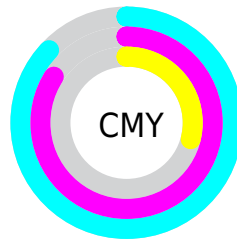
- Red (13%)
- Green (16%)
- Blue (71%)



- Red (13%)
- Yellow (16%)
- Blue (71%)



- Cyan (82%)
- Magenta (77%)
- Yellow (0%)
- Black (29%)



- Cyan (87%)
- Magenta (84%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2129B4 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 2129B4 by changing the saturation by 10% instead.

■ 2129B4

■ 2129B4

FFFFFF

■ 001298

■ 6A58ED

■ 00007E

■ 8972FF

■ 000064

■ A78BFF

■ 00094B

■ C6A6FF

■ 000433

■ E4C2FF

■ 00021D

■ FFDEFF

■ 000000

■ FFFBFF

■ 2129B4

■ 2129B4

0F18B4

333AB4

000AB4

454BB4

575CB4

696DB4

7B7EB4

8D8FB4

9FA0B4

B1B1B4

C3C2B4

Harmonies

Analogous

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



004BCA



2129B4



8E007F

Triad

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



2129B4



7D1D00



005645

Complementary

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



2129B4



B4AC21

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.



005400



2129B4



4B4100

Square

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



2129B4



A00000



004F00



005888

Rectangle

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



2129B4



A50054



004F00



00552E

Sweetspot

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



2129B4



B0B3EB



21B4AA



525475



F5F5F5



757575

Same Dimension

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



2129B4



0511EB



6121B4



505159



000899



00011A

Inverse Universe

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



B42129



EB0511



74B421



595051



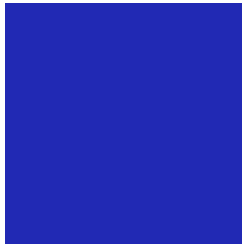
990008



1A0001

Previews

White Background



This preview shows how the Hex color 2129B4 looks on a white background.

Color Contrast Check

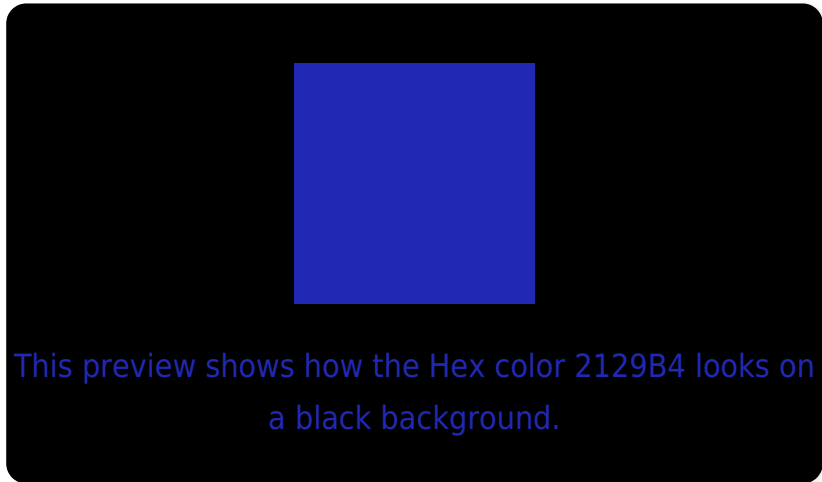
Large Text (above 18pt) WCAG AA ✓ Pass

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

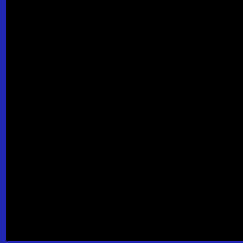
Any Text WCAG AA × Fail

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 2129B4 Background



This preview shows how black text looks on a background with the Hex color 2129B4.

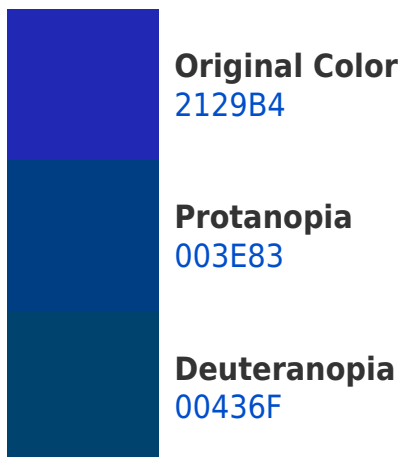



This preview shows how white text looks on a background with the Hex color 2129B4.

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
00484C

Trichromacy



Original Color
2129B4

Protanomaly
0C3695

Deuteranomaly
0C3A88

Tritanomaly
0C3D72

Monochromacy



Original Color
2129B4

Achromatopsia
363636

Achromatomaly
2E3164

CSS Examples

Text

The CSS property to change the color of the text to Hex 2129B4 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 #2129B4 looks like.

```
.text, #text, p{  
    color:#2129B4  
}
```

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 #2129B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2129B4
}
```

Border

The CSS property to change the border of an element to Hex 2129B4 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
#2129B4 }
```

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

```
.border{ border-color:#2129B4 }
```

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

Here you see how a box with a 4 pixel #2129B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2129B4; -webkit-box-shadow:4px 4px  
4px 4px #2129B4; box-shadow:4px 4px 4px  
4px #2129B4 }
```

Background

The CSS property to change the background color of an element to Hex 2129B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2129B4 }
```

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

```
.background{ background-color:#2129B4 }
```

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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