

Converting Colors

Hex(2131B7)

Have a look what the booklet for
Hex(2131B7) contains.

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Color

Hex(2131B7)

Conversions

Conversions Part 1

Format	Color
Hex	2131B7
RGB	33, 49, 183
RGB Percent	13%, 19%, 72%
CMY	0.8706, 0.8078, 0.2824
CMYK	0.82, 0.73, 0.00, 0.28
HSL	234°, 69%, 42%
HSV	234°, 82%, 72%
XYZ	10.2728, 5.9389, 45.4046
YIQ	59.4920, -52.5500, 38.2820

Conversions

Conversions Part 2

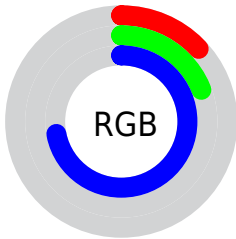
Format	Color
R _Y B	33, 47, 183
Decimal	2175415
CIE Lab	29.26, 43.09, -71.39
CIE LCh	29, 83.388, 301.117
Yxy	5.9389, 0.1667, 0.0964
Android (android.graphics.Color)	4280365495 (0xFF2131B7)
YUV	59.4920, 60.8894, -23.2335
Hunter-Lab	24.3698, 32.5972, -93.4076

Details

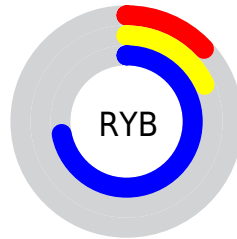
The Hex color **2131B7** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **B7A721**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6A60F0**, and **000781** is the 20% darker color. If you saturate the color by 10%, you get **0F21B7**, and if you desaturate by 10%, it is **3341B7**.

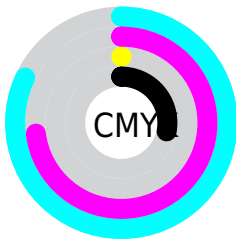
Distribution



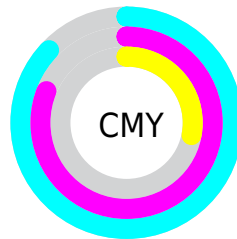
- Red (13%)
- Green (19%)
- Blue (72%)



- Red (13%)
- Yellow (18%)
- Blue (72%)



- Cyan (82%)
- Magenta (73%)
- Yellow (0%)
- Black (28%)



- Cyan (87%)
- Magenta (81%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2131B7 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 2131B7 by changing the saturation by 10% instead.

 2131B7

 2131B7

FFFFFF

 001B9B

 6A60F0

 000781

 8979FF

 000067

 A793FF

 000A4D

 C6AEFF

 000536

 E4CAFF


 00021F

 FFE6FF

 000003

 000000

 2131B7

 2131B7

■ 0F21B7

■ 3341B7

■ 0014B7

■ 4652B7

■ 5862B7

■ 6A72B7

■ 7D83B7

■ 8F93B7

■ A1A3B7

■ B3B4B7

■ C6C4B7

Harmonies

Analogous

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



004FCB



2131B7



8E0085

Triad

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



2131B7



842100



005B46

Complementary

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



2131B7



B7A721

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.



005800



2131B7



534400

Square

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



2131B7



A40004



005300



005C88

Rectangle

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



2131B7



A7005B



005300



005A2F

Sweetspot

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



2131B7



B2B8ED



21B7A6



545878



F7F7F7



787878

Same Dimension

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



2131B7



051EED



5A21B7



53545C



00119C



00031C

Inverse Universe

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



B72131



ED051E



7EB721



5C5354



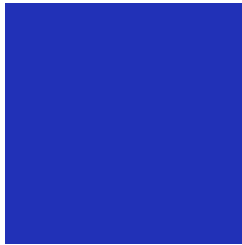
9C0011



1C0003

Previews

White Background



This preview shows how the Hex color 2131B7 looks on a white background.

Color Contrast Check

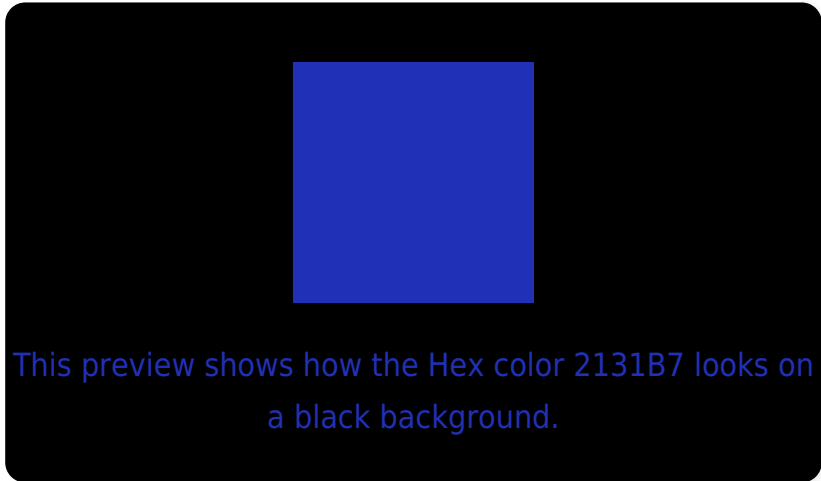
Large Text (above 18pt) WCAG AA ✓ Pass

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

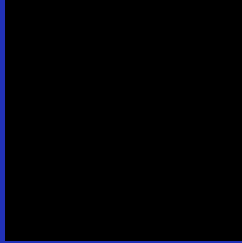
Any Text WCAG AA × Fail

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 2131B7 Background



This preview shows how black text looks on a background with the Hex color 2131B7.

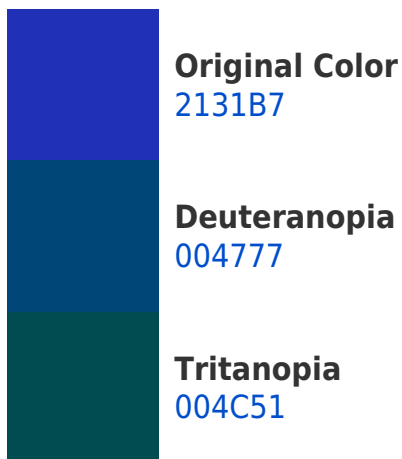


This preview shows how white text looks on a background with the Hex color 2131B7.

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
2131B7

Deuteranomaly
0C3F8E

Tritanomaly
0C4276

Monochromacy



Original Color
2131B7

Achromatopsia
3B3B3B

Achromatomaly
323768

CSS Examples

Text

The CSS property to change the color of the text to Hex 2131B7 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 #2131B7 looks like.

```
.text, #text, p{  
    color:#2131B7  
}
```

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 #2131B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2131B7
}
```

Border

The CSS property to change the border of an element to Hex 2131B7 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
#2131B7 }
```

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

```
.border{ border-color:#2131B7 }
```

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

Here you see how a box with a 4 pixel #2131B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2131B7; -webkit-box-shadow:4px 4px  
4px 4px #2131B7; box-shadow:4px 4px 4px  
4px #2131B7 }
```

Background

The CSS property to change the background color of an element to Hex 2131B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2131B7 }
```

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

```
.background{ background-color:#2131B7 }
```

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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