

Converting Colors

Hex(2121B6)

Have a look what the booklet for
Hex(2121B6) contains.

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Color

Hex(2121B6)

Conversions

Conversions Part 1

Format	Color
Hex	2121B6
RGB	33, 33, 182
RGB Percent	13%, 13%, 71%
CMY	0.8706, 0.8706, 0.2863
CMYK	0.82, 0.82, 0.00, 0.29
HSL	240°, 69%, 42%
HSV	240°, 82%, 71%
XYZ	9.6146, 4.7884, 44.6735
YIQ	49.9860, -47.8290, 46.3390

Conversions

Conversions Part 2

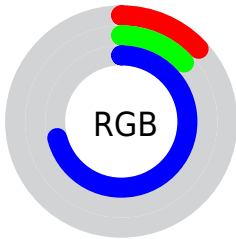
Format	Color
RYB	33, 33, 182
Decimal	2171318
CIELab	26.12, 51.40, -75.99
CIElCh	26, 91.741, 304.078
Yxy	4.7884, 0.1627, 0.0811
Android (android.graphics.Color)	4280361398 (0xFF2121B6)
YUV	49.9860, 65.0829, -14.8967
Hunter-Lab	21.8825, 40.1334, -105.7237

Details

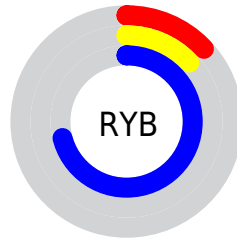
The Hex color **2121B6** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **B6B621**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **6C51EF**, and **00007F** is the 20% darker color. If you saturate the color by 10%, you get **0F0FB6**, and if you desaturate by 10%, it is **3333B6**.

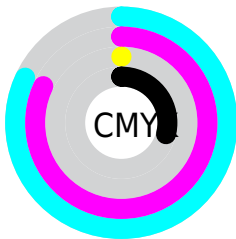
Distribution



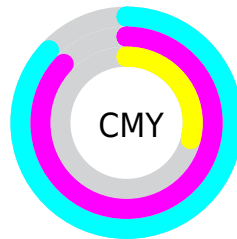
- Red (13%)
- Green (13%)
- Blue (71%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2121B6 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 2121B6 by changing the saturation by 10% instead.

■ 2121B6

■ 2121B6

FFFFFF

■ 00079A

■ 6C51EF

■ 00007F

■ 8B6BFF

■ 000065

■ A985FF

■ 00094C

■ C79FFF

■ 000534

■ E6BBFF

■ 00021E

■ FFD7FF

■ 000001

■ FFF4FF

■ 000000

■ 2121B6

■ 2121B6

0F0FB6

3333B6

0000B6

4545B6

5858B6

6A6AB6

7C7CB6

8E8EB6

A0A0B6

B3B3B6

C5C5B6

Harmonies

Analogous

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



0049D0



2121B6



91007D

Triad

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



2121B6



7A1900



005446

Complementary

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



2121B6



B6B621

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.



005100



2121B6



443F00

Square

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



2121B6



9F0000



004D00



00558D

Rectangle

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



2121B6



A8004F



004D00



00532D

Sweetspot

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



2121B6



B2B2ED



21B6B6



545478



F7F7F7



787878

Same Dimension

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



2121B6



0505ED



6C21B6



53535C



00009C



00001C

Inverse Universe

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



B621B6



ED05ED



6CB621



5C535C



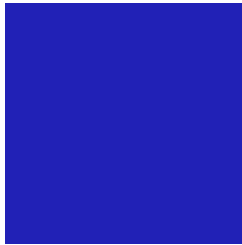
9C009C



1C001C

Previews

White Background



This preview shows how the Hex color 2121B6 looks on a white background.

Color Contrast Check

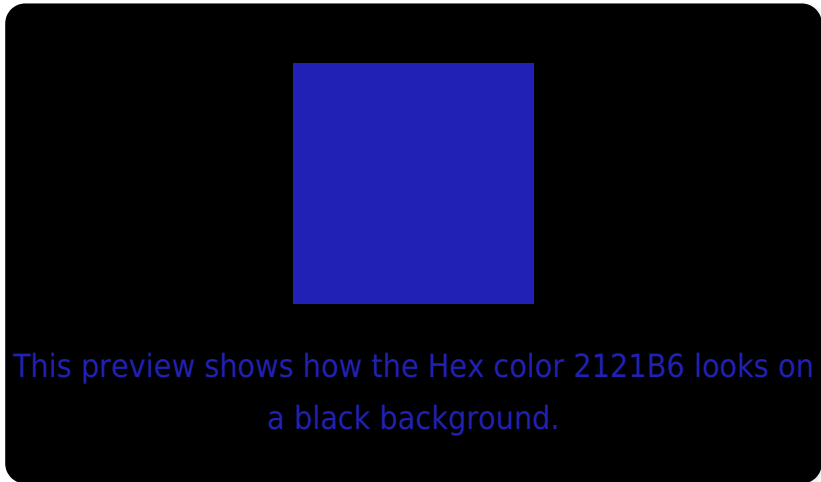
Large Text (above 18pt) WCAG AA ✓ Pass

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

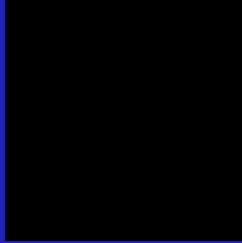
Any Text WCAG AA × Fail

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 2121B6 Background



This preview shows how black text looks on a background with the Hex color 2121B6.



This preview shows how white text looks on a background with the Hex color 2121B6.

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



Original Color
2121B6

Protanopia
003C7E

Deuteranopia
00406B

Trichromacy



Original Color
2121B6

Protanomaly
0C3292

Deuteranomaly
0C3586

Monochromacy



Original Color
2121B6

Achromatopsia
323232

Achromatomaly
2C2C62

CSS Examples

Text

The CSS property to change the color of the text to Hex 2121B6 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 #2121B6 looks like.

```
.text, #text, p{  
    color:#2121B6  
}
```

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 #2121B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2121B6
}
```

Border

The CSS property to change the border of an element to Hex 2121B6 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
#2121B6 }
```

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

```
.border{ border-color:#2121B6 }
```

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

Here you see how a box with a 4 pixel #2121B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2121B6; -webkit-box-shadow:4px 4px  
4px 4px #2121B6; box-shadow:4px 4px 4px  
4px #2121B6 }
```

Background

The CSS property to change the background color of an element to Hex 2121B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2121B6 }
```

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

```
.background{ background-color:#2121B6 }
```

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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