

Converting Colors

Hex(2241B2)

Have a look what the booklet for
Hex(2241B2) contains.

Hex(2241B2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2241B2)

Conversions

Conversions Part 1

Format	Color
Hex	2241B2
RGB	34, 65, 178
RGB Percent	13%, 25%, 70%
CMY	0.8667, 0.7451, 0.3020
CMYK	0.81, 0.63, 0.00, 0.30
HSL	227°, 68%, 42%
HSV	227°, 81%, 70%
XYZ	10.5859, 7.3350, 42.9773
YIQ	68.6130, -54.7490, 28.5710

Conversions

Conversions Part 2

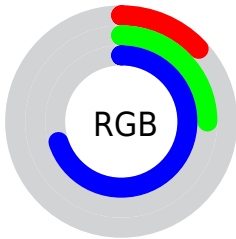
Format	Color
R_{YB}	34, 60, 178
Decimal	2245042
CIE _{Lab}	32.56, 31.26, -62.99
CIE _{LCh}	33, 70.321, 296.398
Yxy	7.3350, 0.1738, 0.1204
Android (android.graphics.Color)	4280435122 (0xFF2241B2)
YUV	68.6130, 53.9278, -30.3556
Hunter-Lab	27.0833, 22.3735, -75.1267

Details

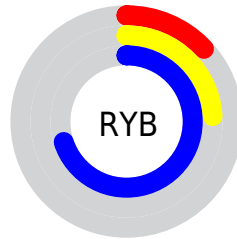
The Hex color **2241B2** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B29322**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6871EB**, and **00187C** is the 20% darker color. If you saturate the color by 10%, you get **1033B2**, and if you desaturate by 10%, it is **344FB2**.

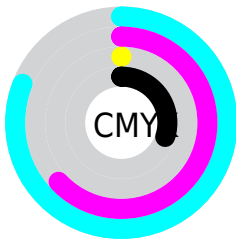
Distribution



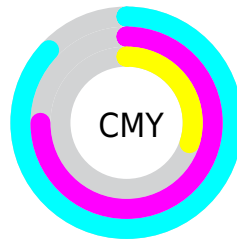
- Red (13%)
- Green (25%)
- Blue (70%)



- Red (13%)
- Yellow (24%)
- Blue (70%)



- Cyan (81%)
- Magenta (63%)
- Yellow (0%)
- Black (30%)



- Cyan (87%)
- Magenta (75%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2241B2 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 2241B2 by changing the saturation by 10% instead.

■ 2241B2

■ 2241B2

FFFFFF

■ 002B97

■ 6871EB

■ 00187C

■ 868AFF

■ 000062

■ A4A4FF

■ 00094A

■ C2BFFF

■ 000432

■ E0DBFF

■ 00021C

■ FEF8FF

■ 000000

■ 2241B2

■ 2241B2

■ 1033B2

■ 344FB2

0026B2

465DB2

576BB2

6979B2

7B87B2

8D95B2

9FA3B2

B0B1B2

C2BFB2

Harmonies

Analogous

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



0057BE



2241B2



85138B

Triad

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



2241B2



8C2C00



006144

Complementary

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



2241B2



B29322

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.



005E00



2241B2



644800

Square

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



2241B2



A50020



2D5700



00627D

Rectangle

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



2241B2



9F0068



2D5700



006130

Sweetspot

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



2241B2



B0BCE8



22B293



535B75



F5F5F5



757575

Same Dimension

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



2241B2



0737E8



4B22B2



505259



002199



00051A

Inverse Universe

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



B22241



E80737



89B222



595052



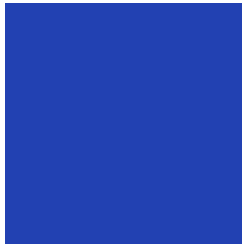
990021



1A0005

Previews

White Background



This preview shows how the Hex color 2241B2 looks on a white background.

Color Contrast Check

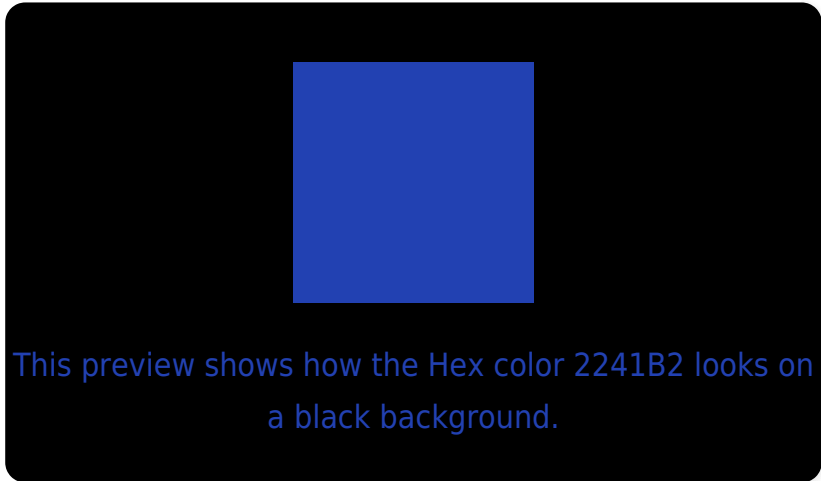
Large Text (above 18pt) WCAG AA ✓ Pass

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

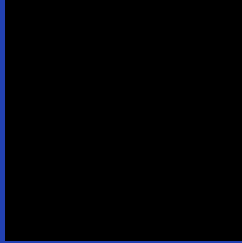
Any Text WCAG AA × Fail

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 2241B2 Background



This preview shows how black text looks on a background with the Hex color 2241B2.



This preview shows how white text looks on a background with the Hex color 2241B2.

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
2241B2

Protanopia
004A9C

Deuteranopia
004E85



Tritanopia
00555A

Trichromacy



Original Color
2241B2

Protanomaly
0C47A4

Deuteranomaly
0C4995

Tritanomaly
0C4E7A

Monochromacy



Original Color
2241B2

Achromatopsia
454545

Achromatomaly
38446D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2241B2 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 #2241B2 looks like.

```
.text, #text, p{  
    color:#2241B2  
}
```

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 #2241B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2241B2
}
```

Border

The CSS property to change the border of an element to Hex 2241B2 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
#2241B2 }
```

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

```
.border{ border-color:#2241B2 }
```

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

Here you see how a box with a 4 pixel #2241B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2241B2; -webkit-box-shadow:4px 4px  
4px 4px #2241B2; box-shadow:4px 4px 4px  
4px #2241B2 }
```

Background

The CSS property to change the background color of an element to Hex 2241B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2241B2 }
```

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

```
.background{ background-color:#2241B2 }
```

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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