

Converting Colors

Hex(2248B1)

Have a look what the booklet for
Hex(2248B1) contains.

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Color

Hex(2248B1)

Conversions

Conversions Part 1

Format	Color
Hex	2248B1
RGB	34, 72, 177
RGB Percent	13%, 28%, 69%
CMY	0.8667, 0.7176, 0.3059
CMYK	0.81, 0.59, 0.00, 0.31
HSL	224°, 68%, 41%
HSV	224°, 81%, 69%
XYZ	10.9129, 8.1491, 42.5927
YIQ	72.6080, -56.3530, 24.5990

Conversions

Conversions Part 2

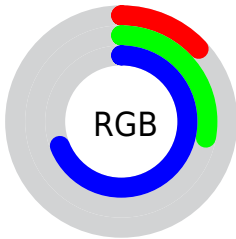
Format	Color
R_{YB}	34, 64, 177
Decimal	2246833
CIE _{Lab}	34.29, 26.24, -59.56
CIE _{LCh}	34, 65.086, 293.779
Yxy	8.1491, 0.1770, 0.1322
Android (android.graphics.Color)	4280436913 (0xFF2248B1)
YUV	72.6080, 51.4653, -33.8592
Hunter-Lab	28.5467, 18.2805, -68.4802




Details

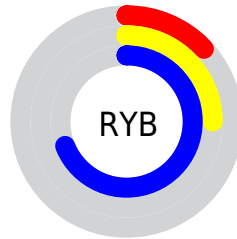
The Hex color **2248B1** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B18B22**, and the grayscale version is **484848**.




A 20% lighter version of the original color is **6778EA**, and **001E7B** is the 20% darker color. If you saturate the color by 10%, you get **103BB1**, and if you desaturate by 10%, it is **3455B1**.

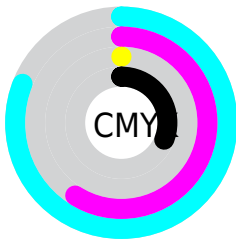
Distribution







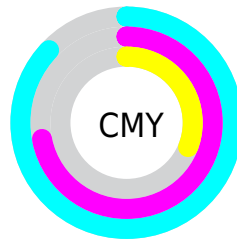
-  Red (13%)
-  Green (28%)
-  Blue (69%)






-  Red (13%)
-  Yellow (25%)
-  Blue (69%)



-  Cyan (81%)
-  Magenta (59%)
-  Yellow (0%)
-  Black (31%)



-  Cyan (87%)
-  Magenta (72%)
-  Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2248B1 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 2248B1 by changing the saturation by 10% instead.

■ 2248B1

■ 2248B1

FFFFFF

■ 003296

■ 6778EA

■ 001E7B

■ 8592FF

■ 000962

■ A3ACFF

■ 000749

■ C0C7FF

■ 000431

■ DEE3FF

■ 00011C

■ FCFFFF

■ 000000

■ 2248B1

■ 2248B1

■ 103BB1

■ 3455B1

002FB1

4562B1

576FB1

697CB1

7B89B1

8C96B1

9EA3B1

B0B0B1

C1BDB1

Harmonies

Analogous

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



005BB9



2248B1



82278F

Triad

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



2248B1



913100



006544

Complementary

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



2248B1



B18B22

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.



006205



2248B1



6C4B00

Square

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



2248B1



A6002B



3C5A00



006679

Rectangle

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



2248B1



9C006F



3C5A00



006431

Sweetspot

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



2248B1



AEBDE6



22B18B



515A73



F2F2F2



737373

Same Dimension

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



2248B1



0742E6



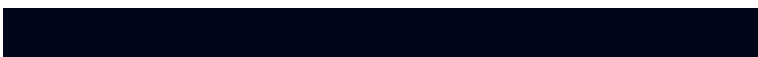
4322B1



505359



002999



00071A

Inverse Universe

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



B12248



E60742



90B122



595053



990029



1A0007

Previews

White Background



This preview shows how the Hex color 2248B1 looks on a white background.

Color Contrast Check

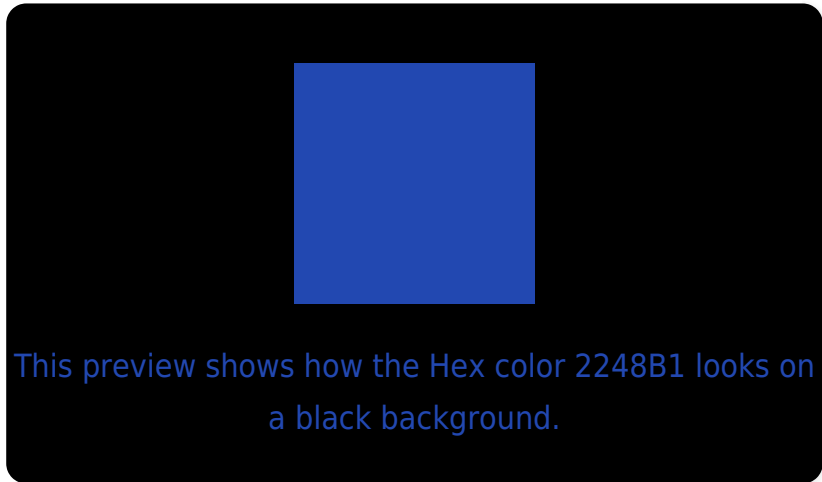
Large Text (above 18pt) WCAG AA ✓ Pass

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

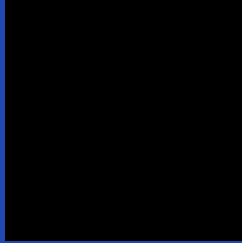
Any Text WCAG AA × Fail

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 2248B1 Background



This preview shows how black text looks on a background with the Hex color 2248B1.

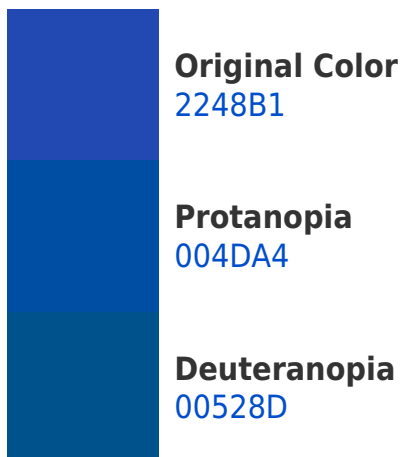


This preview shows how white text looks on a background with the Hex color 2248B1.

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](#).

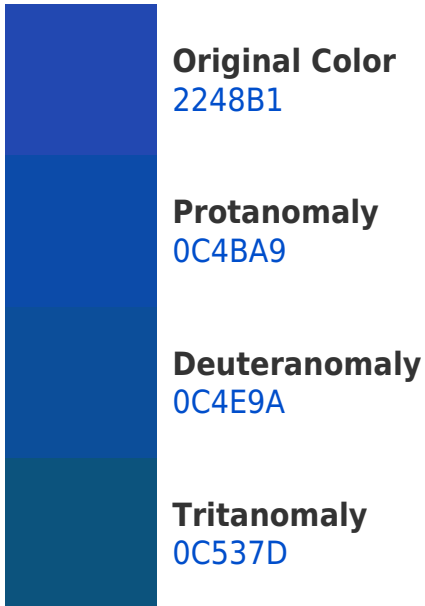
Dichromacy





Tritanopia
00595F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2248B1 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 #2248B1 looks like.

```
.text, #text, p{  
    color:#2248B1  
}
```

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 #2248B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2248B1  
}
```

Border

The CSS property to change the border of an element to Hex 2248B1 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  
#2248B1 }
```

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

```
.border{ border-color:#2248B1 }
```

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

Here you see how a box with a 4 pixel #2248B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2248B1; -webkit-box-shadow:4px 4px  
4px 4px #2248B1; box-shadow:4px 4px 4px  
4px #2248B1 }
```

Background

The CSS property to change the background color of an element to Hex 2248B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2248B1 }
```

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

```
.background{ background-color:#2248B1 }
```

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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