

# Converting Colors

Hex(2218C9)

Have a look what the booklet for  
Hex(2218C9) contains.

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# Color

Hex(2218C9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2218C9
RGB	34, 24, 201
RGB Percent	13%, 9%, 79%
CMY	0.8667, 0.9059, 0.2118
CMYK	0.83, 0.88, 0.00, 0.21
HSL	243°, 79%, 44%
HSV	243°, 88%, 79%
XYZ	11.5289, 5.2104, 55.6564
YIQ	47.1680, -50.8570, 57.1670

# Conversions

## Conversions Part 2

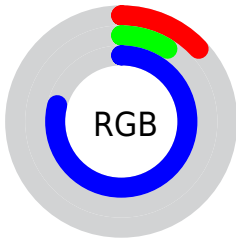
Format	Color
R <sub>Y</sub> B	34, 24, 201
Decimal	2234569
CIE Lab	27.33, 60.76, -85.21
CIE LCh	27, 104.654, 305.489
Yxy	5.2104, 0.1592, 0.0720
Android (android.graphics.Color)	4280424649 (0xFF2218C9)
YUV	47.1680, 75.8392, -11.5483
Hunter-Lab	22.8263, 50.2095, -128.5860

# Details

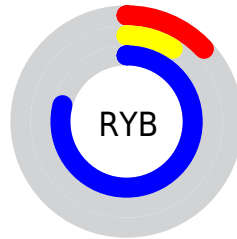
The Hex color **2218C9** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **BFC918**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **724CFF**, and **000091** is the 20% darker color. If you saturate the color by 10%, you get **0F04C9**, and if you desaturate by 10%, it is **352CC9**.

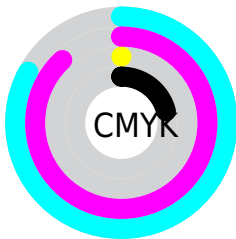
# Distribution



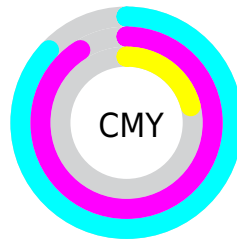
- Red (13%)
- Green (9%)
- Blue (79%)



- Red (13%)
- Yellow (9%)
- Blue (79%)



- Cyan (83%)
- Magenta (88%)
- Yellow (0%)
- Black (21%)



- Cyan (87%)
- Magenta (91%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2218C9 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 2218C9 by changing the saturation by 10% instead.



 2218C9

 2218C9


FFFFFF

 0000AD

 724CFF

 000091

 9266FF

 000077

 B180FF

 00095D

 D09BFF

 000744

 F0B7FF

 00032D

 FFD3FF

 000117

 FFF0FF

 000000

 2218C9

 2218C9

■ 0F04C9

■ 352CC9

■ 0B00C9

■ 4840C9

■ 5B54C9

■ 6E68C9

■ 817DC9

■ 9491C9

■ A7A5C9

■ BAB9C9

■ CDCDC9

# Harmonies

## Analogous

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



004DE9



2218C9



A20085

# Triad

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



2218C9



811600



00584E

# Complementary

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



2218C9



BFC918

# 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.



005600



2218C9



434400

# Square

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



2218C9



AD0000



005100



005B9F

# Rectangle

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



2218C9



BA0051



005100



005732



# Sweetspot

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



2218C9



C0BDFF



18C0C9



5A5880



000000



808080



# Same Dimension

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



2218C9



0E00FF



7918C9



5A5A63



0900A3



020024



# Inverse Universe

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



C918BF



FF00F1



68C918



635A63



A3009A

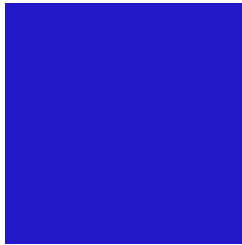


240022



# Previews

## White Background



This preview shows how the Hex color 2218C9 looks on a white background.

## Color Contrast Check

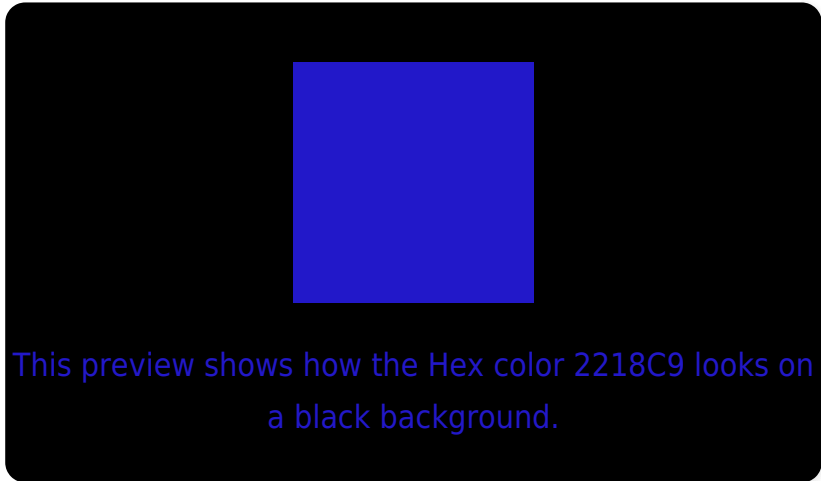
Large Text (above 18pt) WCAG AA ✓ Pass

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

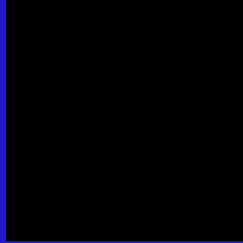
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2218C9 Background



This preview shows how black text looks on a background with the Hex color 2218C9.



This preview shows how white text looks on a background with the Hex color 2218C9.

# 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**  
2218C9

**Protanopia**  
003F83

**Deuteranopia**  
00436F



**Tritanopia**  
00484C

# Trichromacy



**Original Color**  
2218C9

**Protanomaly**  
0C319C

**Deuteranomaly**  
0C3390

**Tritanomaly**  
0C3779

# Monochromacy



**Original Color**  
2218C9

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
2A2767

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2218C9 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 #2218C9 looks like.

```
.text, #text, p{  
    color:#2218C9  
}
```

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 #2218C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2218C9
}
```

## Border

The CSS property to change the border of an element to Hex 2218C9 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
#2218C9 }
```

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

```
.border{ border-color:#2218C9 }
```

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

Here you see how a box with a 4 pixel #2218C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2218C9; -webkit-box-shadow:4px 4px  
4px 4px #2218C9; box-shadow:4px 4px 4px  
4px #2218C9 }
```

# Background

The CSS property to change the background color of an element to Hex 2218C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2218C9 }
```

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

```
.background{ background-color:#2218C9 }
```

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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