

Converting Colors

Hex(2212C9)

Have a look what the booklet for
Hex(2212C9) contains.

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Color

Hex(2212C9)

Conversions

Conversions Part 1

Format	Color
Hex	2212C9
RGB	34, 18, 201
RGB Percent	13%, 7%, 79%
CMY	0.8667, 0.9294, 0.2118
CMYK	0.83, 0.91, 0.00, 0.21
HSL	245°, 84%, 43%
HSV	245°, 91%, 79%
XYZ	11.4186, 4.9897, 55.6196
YIQ	43.6460, -49.2070, 60.3050

Conversions

Conversions Part 2

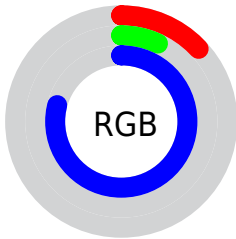
Format	Color
RYB	34, 18, 201
Decimal	2233033
CIELab	26.71, 62.64, -86.25
CIELCh	27, 106.594, 305.990
Yxy	4.9897, 0.1585, 0.0693
Android (android.graphics.Color)	4280423113 (0xFF2212C9)
YUV	43.6460, 77.5755, -8.4595
Hunter-Lab	22.3377, 52.1547, -131.9922

Details

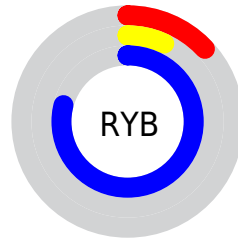
The Hex color **2212C9** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **B9C912**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **7249FF**, and **000091** is the 20% darker color. If you saturate the color by 10%, you get **1200C9**, and if you desaturate by 10%, it is **3426C9**.

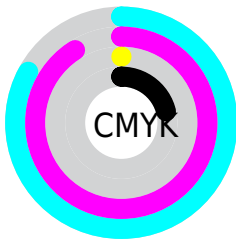
Distribution



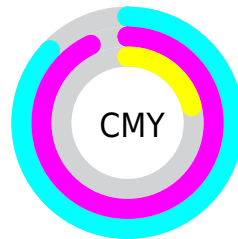
- Red (13%)
- Green (7%)
- Blue (79%)



- Red (13%)
- Yellow (7%)
- Blue (79%)



- Cyan (83%)
- Magenta (91%)
- Yellow (0%)
- Black (21%)



- Cyan (87%)
- Magenta (93%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2212C9 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 2212C9 by changing the saturation by 10% instead.

 2212C9

 2212C9

FFFFFF

 0000AD

 7249FF

 000091

 9263FF

 000076

 B27DFF

 000A5C

 D198FF

 000744

 F0B4FF

 00032D

 FFD0FF

 000117

 FFEDFF

 000000

 2212C9

 2212C9

■ 1200C9

■ 3426C9

■ 473AC9

■ 594EC9

■ 6B62C9

■ 7E76C9

■ 908BC9

■ A29FC9

■ B5B3C9

■ C7C7C9

Harmonies

Analogous

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



004CEB



2212C9



A30084

Triad

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



2212C9



7F1400



00574F

Complementary

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



2212C9



B9C912

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.



005400



2212C9



404300

Square

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



2212C9



AC0000



005000



0059A1

Rectangle

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



2212C9



BA004E



005000



005632

Sweetspot

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



2212C9



C0BAFF



12BAC9



5A5780



000000



808080

Same Dimension

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



2212C9



1600FF



7D12C9



5A5A63



0E00A3



030024

Inverse Universe

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



C912B9



FF00E9



5EC912



635A63



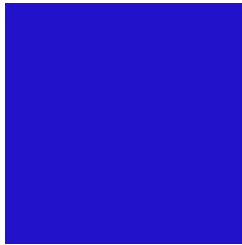
A30095



240021

Previews

White Background



This preview shows how the Hex color 2212C9 looks on a white background.

Color Contrast Check

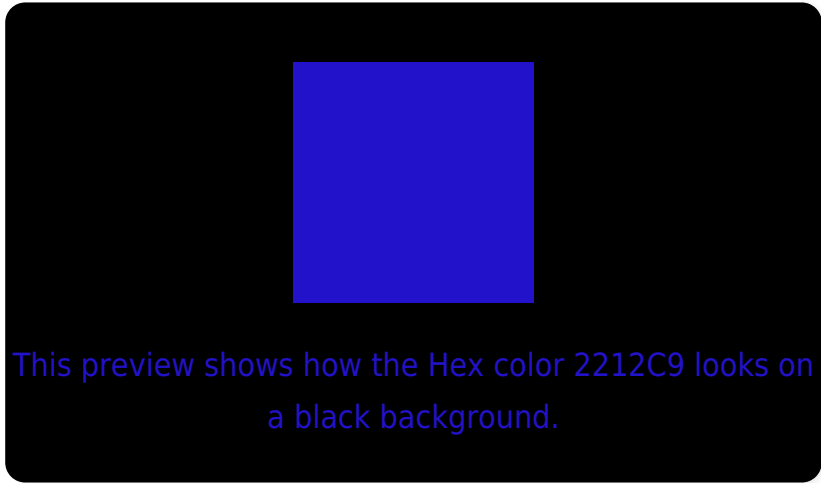
Large Text (above 18pt) WCAG AA ✓ Pass

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

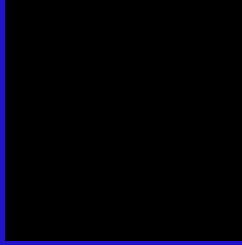
Any Text WCAG AA × Fail

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 2212C9 Background



This preview shows how black text looks on a background with the Hex color 2212C9.



This preview shows how white text looks on a background with the Hex color 2212C9.

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
2212C9

Protanopia
003E81

Deuteranopia
00426D

Trichromacy



Original Color
2212C9

Protanomaly
0C2E9B

Deuteranomaly
0C318E

Monochromacy



Original Color
2212C9

Achromatopsia
2C2C2C

Achromatomaly
282365

CSS Examples

Text

The CSS property to change the color of the text to Hex 2212C9 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 #2212C9 looks like.

```
.text, #text, p{  
    color:#2212C9  
}
```

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 #2212C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2212C9
}
```

Border

The CSS property to change the border of an element to Hex 2212C9 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
#2212C9 }
```

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

```
.border{ border-color:#2212C9 }
```

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

Here you see how a box with a 4 pixel #2212C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2212C9; -webkit-box-shadow:4px 4px  
4px 4px #2212C9; box-shadow:4px 4px 4px  
4px #2212C9 }
```

Background

The CSS property to change the background color of an element to Hex 2212C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2212C9 }
```

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

```
.background{ background-color:#2212C9 }
```

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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