

# Converting Colors

Hex(222BF2)

Have a look what the booklet for  
Hex(222BF2) contains.

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# Color

Hex(222BF2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	222BF2
RGB	34, 43, 242
RGB Percent	13%, 17%, 95%
CMY	0.8667, 0.8314, 0.0510
CMYK	0.86, 0.82, 0.00, 0.05
HSL	237°, 89%, 54%
HSV	237°, 86%, 95%
XYZ	17.5506, 8.4786, 84.7159
YIQ	62.9950, -69.2430, 59.9810

# Conversions

## Conversions Part 2

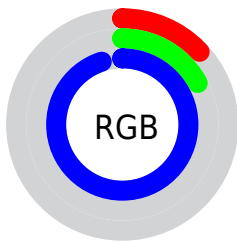
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 43, 242
Decimal	2239474
CIELab	34.96, 65.06, -96.09
CIELCh	35, 116.043, 304.104
Yxy	8.4786, 0.1585, 0.0766
Android (android.graphics.Color)	4280429554 (0xFF222BF2)
YUV	62.9950, 88.2495, -25.4286
Hunter-Lab	29.1181, 56.6320, -152.1151

# Details

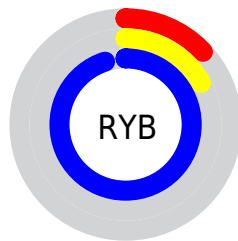
The Hex color **222BF2** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **F2E922**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **7B5EFF**, and **0000B8** is the 20% darker color. If you saturate the color by 10%, you get **0A14F2**, and if you desaturate by 10%, it is **3A42F2**.

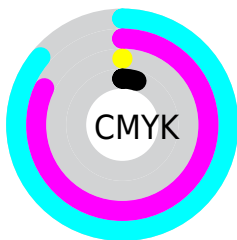
# Distribution



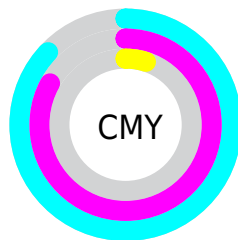
- Red (13%)
- Green (17%)
- Blue (95%)



- Red (13%)
- Yellow (17%)
- Blue (95%)



- Cyan (86%)
- Magenta (82%)
- Yellow (0%)
- Black (5%)



- Cyan (87%)
- Magenta (83%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 222BF2 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 222BF2 by changing the saturation by 10% instead.



 222BF2

 222BF2

FFFFFF

 000FD5

 7B5EFF

 0000B8

 9D78FF

 00009C

 BE93FF

 000081


 DEAEFF

 001067

 FFCBFF

 000A4D

 FFE7FF

 000536

 00021F

 000003

■ 222BF2

■ 222BF2

■ 0A14F2

■ 3A42F2

■ 000AF2

■ 5259F2

■ 6B70F2

■ 8388F2

■ 9B9FF2

■ B3B6F2

■ CBCDF2

■ E4E4F2

■ FCFBF2

# Harmonies

## Analogous

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



0061FF



222BF2



C000A6

# Triad

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



222BF2



A11F00



006E5E

# Complementary

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



222BF2



F2E922

# 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.



006B00



222BF2



5A5400

# Square

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



222BF2



D20000



006600



0071BB

# Rectangle

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



222BF2



DE0069



006600



006D3D



# Sweetspot

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



222BF2



BDC0FF



22F2E8



585A80



000000



808080



# Same Dimension

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



222BF2



000BFF



8022F2



6C6C78



0008B8



000238



# Inverse Universe

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



F2222B



FF000B



94F222



786C6C



B80008

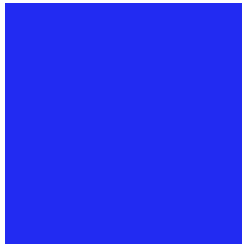


380002



# Previews

## White Background



This preview shows how the Hex color 222BF2 looks on a white background.

## Color Contrast Check

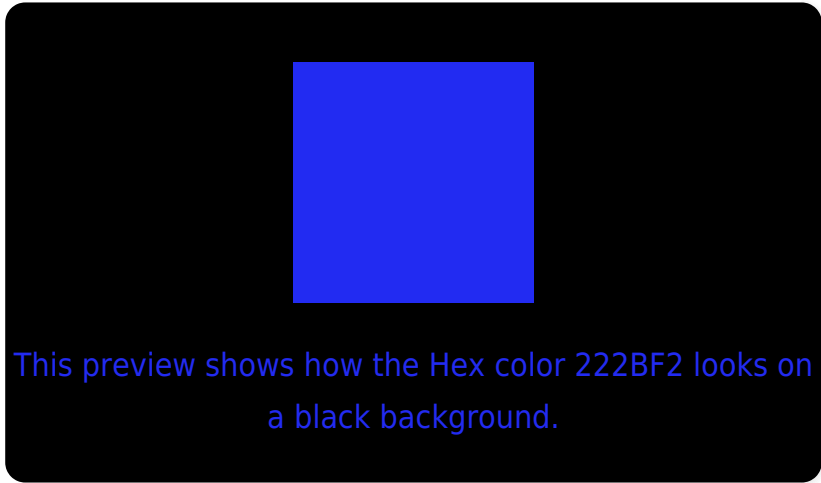
Large Text (above 18pt) WCAG AA ✓ Pass

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

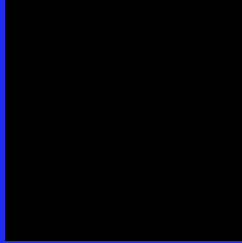
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 222BF2 Background



This preview shows how black text looks on a background with the Hex color 222BF2.



This preview shows how white text looks on a background with the Hex color 222BF2.

# 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**  
222BF2

**Deuteranopia**  
00548C

**Tritanopia**  
005A5F

# Trichromacy



**Original Color**  
222BF2

**Deuteranomaly**  
0C45B1

**Tritanomaly**  
0C4994

# Monochromacy



**Original Color**  
222BF2

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
343880

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 222BF2 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 #222BF2 looks like.

```
.text, #text, p{  
    color:#222BF2  
}
```

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 #222BF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222BF2
}
```

## Border

The CSS property to change the border of an element to Hex 222BF2 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
#222BF2 }
```

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

```
.border{ border-color:#222BF2 }
```

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

Here you see how a box with a 4 pixel #222BF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222BF2; -webkit-box-shadow:4px 4px  
4px 4px #222BF2; box-shadow:4px 4px 4px  
4px #222BF2 }
```

# Background

The CSS property to change the background color of an element to Hex 222BF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222BF2 }
```

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

```
.background{ background-color:#222BF2 }
```

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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