

Converting Colors

Hex(222BF5)

Have a look what the booklet for
Hex(222BF5) contains.

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Color

Hex(222BF5)

Conversions

Conversions Part 1

Format	Color
Hex	222BF5
RGB	34, 43, 245
RGB Percent	13%, 17%, 96%
CMY	0.8667, 0.8314, 0.0392
CMYK	0.86, 0.82, 0.00, 0.04
HSL	237°, 91%, 55%
HSV	237°, 86%, 96%
XYZ	18.0050, 8.6604, 87.1089
YIQ	63.3370, -70.2060, 60.9140

Conversions

Conversions Part 2

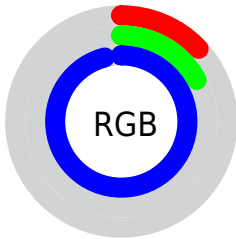
Format	Color
R _Y B	34, 43, 245
Decimal	2239477
CIE Lab	35.32, 65.94, -97.18
CIE LCh	35, 117.440, 304.160
Yxy	8.6604, 0.1583, 0.0761
Android (android.graphics.Color)	4280429557 (0xFF222BF5)
YUV	63.3370, 89.5599, -25.7285
Hunter-Lab	29.4286, 57.7099, -154.8990




Details

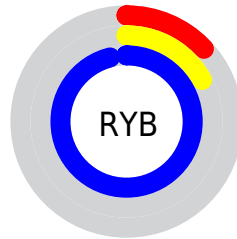
The Hex color **222BF5** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **F5EC22**, and the grayscale version is **3F3F3F**.




A 20% lighter version of the original color is **7C5EFF**, and **0000BB** is the 20% darker color. If you saturate the color by 10%, you get **0A14F5**, and if you desaturate by 10%, it is **3B42F5**.

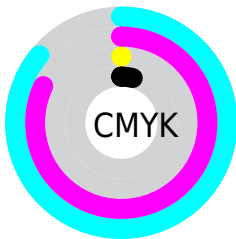
Distribution







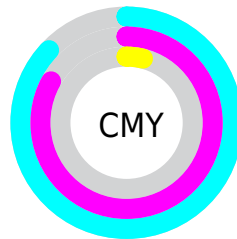
-  Red (13%)
-  Green (17%)
-  Blue (96%)






-  Red (13%)
-  Yellow (17%)
-  Blue (96%)



-  Cyan (86%)
-  Magenta (82%)
-  Yellow (0%)
-  Black (4%)



-  Cyan (87%)
-  Magenta (83%)
-  Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222BF5 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 222BF5 by changing the saturation by 10% instead.

■ 222BF5

■ 222BF5

FFFFFF

■ 000FD8

■ 7C5EFF

■ 0000BB

■ 9E79FF

■ 00009F

■ BF93FF

■ 000084

■ E0AFFF

■ 000F69

■ FFCBFF

■ 000A50

■ FFE8FF

■ 000538

■ 000222

■ 000007

■ 222BF5

■ 222BF5

■ 0A14F5

■ 3B42F5

■ 000AF5

■ 535AF5

■ 6C71F5

■ 8489F5

■ 9DA0F5

■ B5B8F5

■ CECFF5

■ E6E7F5

■ FFFE5

Harmonies

Analogous

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



0062FF



222BF5



C300A8

Triad

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



222BF5



A31F00



006F5F

Complementary

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



222BF5



F5EC22

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.



006C00



222BF5



5B5500

Square

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



222BF5



D50000



006700



0072BE

Rectangle

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



222BF5



E1006A



006700



006E3D

Sweetspot

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



222BF5



BDC0FF



22F5EA



585A80



000000



808080

Same Dimension

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



222BF5



000BFF



8122F5



6E6F7A



0008BA



00033B

Inverse Universe

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



F5222B



FF000B



96F522



7A6E6F



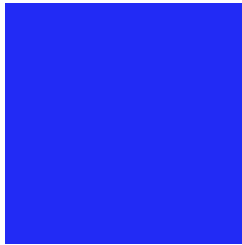
BA0008



3B0003

Previews

White Background



This preview shows how the Hex color 222BF5 looks on a white background.

Color Contrast Check

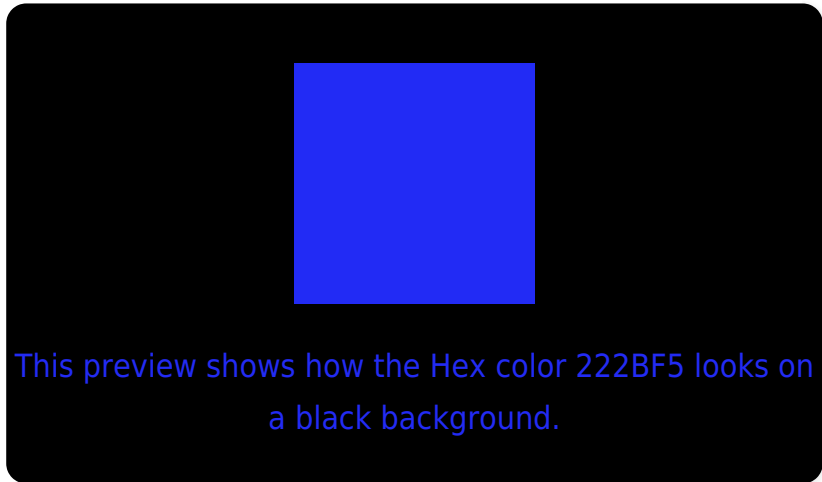
Large Text (above 18pt) WCAG AA ✓ Pass

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

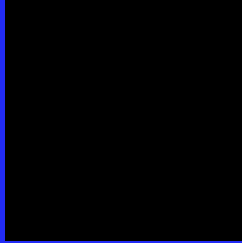
Any Text WCAG AA × Fail

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 222BF5 Background



This preview shows how black text looks on a background with the Hex color 222BF5.



This preview shows how white text looks on a background with the Hex color 222BF5.

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
222BF5

Protanopia
004FA7

Deuteranopia
00558D



Tritanopia
005B60

Trichromacy



Original Color
222BF5

Protanomaly
0C42C3

Deuteranomaly
0C46B3

Tritanomaly
0C4A96

Monochromacy



Original Color
222BF5

Achromatopsia
3F3F3F

Achromatomaly
343881

CSS Examples

Text

The CSS property to change the color of the text to Hex 222BF5 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 #222BF5 looks like.

```
.text, #text, p{  
    color:#222BF5  
}
```

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 #222BF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222BF5
}
```

Border

The CSS property to change the border of an element to Hex 222BF5 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
#222BF5 }
```

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

```
.border{ border-color:#222BF5 }
```

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

Here you see how a box with a 4 pixel #222BF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222BF5; -webkit-box-shadow:4px 4px  
4px 4px #222BF5; box-shadow:4px 4px 4px  
4px #222BF5 }
```

Background

The CSS property to change the background color of an element to Hex 222BF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222BF5 }
```

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

```
.background{ background-color:#222BF5 }
```

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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