

Converting Colors

Hex(322FB8)

Have a look what the booklet for
Hex(322FB8) contains.

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Color

Hex(322FB8)

Conversions

Conversions Part 1

Format	Color
Hex	322FB8
RGB	50, 47, 184
RGB Percent	20%, 18%, 72%
CMY	0.8039, 0.8157, 0.2784
CMYK	0.73, 0.74, 0.00, 0.28
HSL	241°, 59%, 45%
HSV	241°, 74%, 72%
XYZ	10.9836, 6.1718, 45.9598
YIQ	63.5150, -42.1890, 43.2430

Conversions

Conversions Part 2

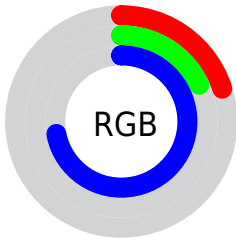
Format	Color
R_{YB}	50, 47, 184
Decimal	3289016
CIE _{Lab}	29.84, 45.95, -70.99
CIE _{LCh}	30, 84.561, 302.912
Yxy	6.1718, 0.1740, 0.0978
Android (android.graphics.Color)	4281479096 (0xFF322FB8)
YUV	63.5150, 59.3991, -11.8527
Hunter-Lab	24.8432, 35.4427, -92.2961

Details

The Hex color **322FB8** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **B5B82F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **745FF1**, and **000281** is the 20% darker color. If you saturate the color by 10%, you get **201DB8**, and if you desaturate by 10%, it is **4441B8**.

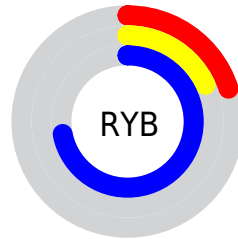
Distribution



Red (20%)

Green (18%)

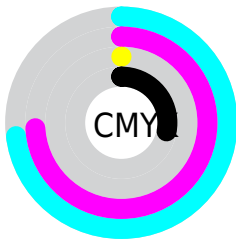
Blue (72%)



Red (20%)

Yellow (18%)

Blue (72%)

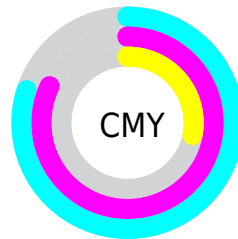


Cyan (73%)

Magenta (74%)

Yellow (0%)

Black (28%)



Cyan (80%)

Magenta (82%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 322FB8 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 322FB8 by changing the saturation by 10% instead.

 322FB8

 322FB8

FFFFFF

 00189C

 745FF1

 000281

 9378FF

 000068

 B192FF

 00084E

 CFADFF

 000536

 EDC9FF

 000220

 FFE5FF

 000004

 000000

 322FB8

 322FB8

■ 201DB8

■ 4441B8

■ 0E0AB8

■ 5654B8

■ 0400B8

■ 6866B8

■ 7A79B8

■ 8C8BB8

■ 9E9DB8

■ B0B0B8

■ C2C2B8

■ D4D5B8

Harmonies

Analogous

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



0050CE



322FB8



940084

Triad

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



322FB8



842500



005D4B

Complementary

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



322FB8



B5B82F

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.



005A00



322FB8



514700

Square

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



322FB8



A60000



005500



005E8E

Rectangle

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



322FB8



AB0059



005500



005C34

Sweetspot

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



322FB8



BCBBF0



2FB6B8



595978



F7F7F7



787878

Same Dimension

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



322FB8



1F1AF0



762FB8



53535C



03009C



01001C

Inverse Universe

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



B82FB5



F01AEB



71B82F



5C535C



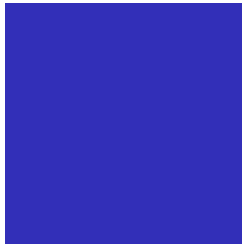
9C0098



1C001B

Previews

White Background



This preview shows how the Hex color 322FB8 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

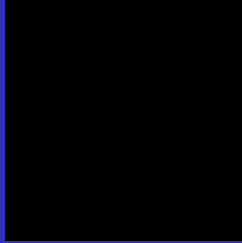
Any Text WCAG AA × Fail

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 322FB8 Background



This preview shows how black text looks on a background with the Hex color 322FB8.



This preview shows how white text looks on a background with the Hex color 322FB8.

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
322FB8

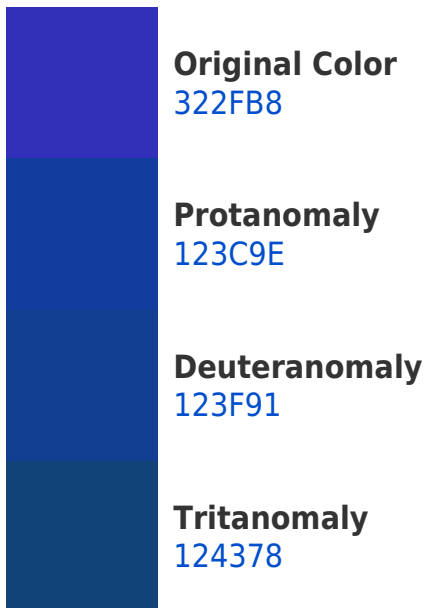
Protanopia
00448F

Deuteranopia
00487A

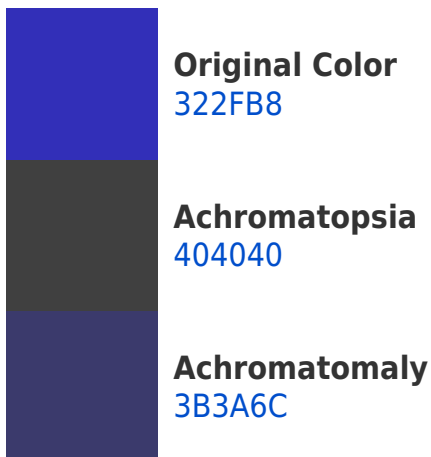


Tritanopia
004E53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 322FB8 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 #322FB8 looks like.

```
.text, #text, p{  
    color:#322FB8  
}
```

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 #322FB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #322FB8 }  
}
```

Border

The CSS property to change the border of an element to Hex 322FB8 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 #322FB8 }  
}
```

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

```
.border{ border-color:#322FB8 }
```

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

Here you see how a box with a 4 pixel #322FB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #322FB8; -webkit-box-shadow:4px 4px  
4px 4px #322FB8; box-shadow:4px 4px 4px  
4px #322FB8 }
```

Background

The CSS property to change the background color of an element to Hex 322FB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#322FB8 }
```

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

```
.background{ background-color:#322FB8 }
```

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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