

Converting Colors

Hex(322AF0)

Have a look what the booklet for
Hex(322AF0) contains.

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Color

Hex(322AF0)

Conversions

Conversions Part 1

Format	Color
Hex	322AF0
RGB	50, 42, 240
RGB Percent	20%, 16%, 94%
CMY	0.8039, 0.8353, 0.0588
CMYK	0.79, 0.83, 0.00, 0.06
HSL	242°, 87%, 55%
HSV	242°, 82%, 94%
XYZ	17.8715, 8.6253, 83.1610
YIQ	66.9640, -58.7900, 63.2740

Conversions

Conversions Part 2

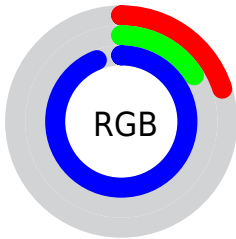
Format	Color
RYB	50, 42, 240
Decimal	3287792
CIELab	35.25, 65.53, -94.45
CIELCh	35, 114.957, 304.753
Yxy	8.6253, 0.1630, 0.0787
Android (android.graphics.Color)	4281477872 (0xFF322AF0)
YUV	66.9640, 85.3067, -14.8774
Hunter-Lab	29.3689, 57.2252, -147.3275

Details

The Hex color **322AF0** 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 **E8F02A**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **825EFF**, and **0000B6** is the 20% darker color. If you saturate the color by 10%, you get **1B12F0**, and if you desaturate by 10%, it is **4942F0**.

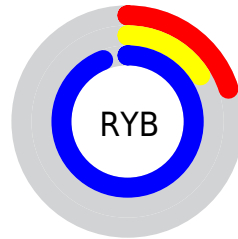
Distribution



Red (20%)

Green (16%)

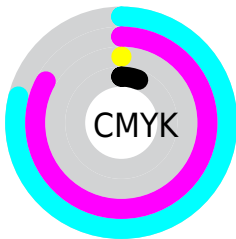
Blue (94%)



Red (20%)

Yellow (16%)

Blue (94%)

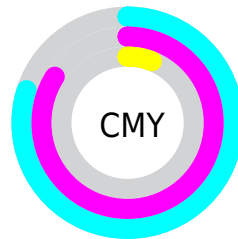


Cyan (79%)

Magenta (83%)

Yellow (0%)

Black (6%)



Cyan (80%)

Magenta (84%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 322AF0 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 322AF0 by changing the saturation by 10% instead.

 322AF0

 322AF0

FFFFFF

 000CD3

 825EFF

 0000B6

 A378FF

 00009A

 C493FF

 00007F

 E4AEFF

 000F65

 FFCBFF

 00094C

 FFE7FF

 000434

 00021E

 000000

 322AF0

 322AF0

 1B12F0

 4942F0

 0A00F0

 605AF0

 7772F0

 8E8AF0

 A5A2F0

 BCBAF0

 D3D2F0

 EAFAF0

 FFFFF0

Harmonies

Analogous

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



0061FF



322AF0



C200A4

Triad

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



322AF0



A02300



006F60

Complementary

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



322AF0



E8F02A

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



322AF0



595600

Square

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



322AF0



D10000



006600



0072BD

Rectangle

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



322AF0



DE0068



006600



006E40

Sweetspot

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



322AF0



C2BFFF



2AE9F0



5B5980



000000



808080

Same Dimension

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



322AF0



0D03FF



942AF0



6C6C78



0700B8



020038

Inverse Universe

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



F02AE8



FF03F5



86F02A



786C77



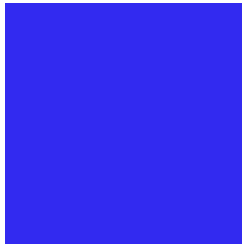
B800B0



380036

Previews

White Background



This preview shows how the Hex color 322AF0 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

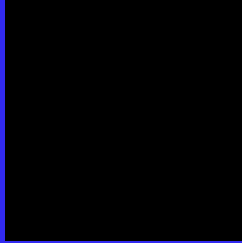
Any Text WCAG AA × Fail

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 322AF0 Background



This preview shows how black text looks on a background with the Hex color 322AF0.

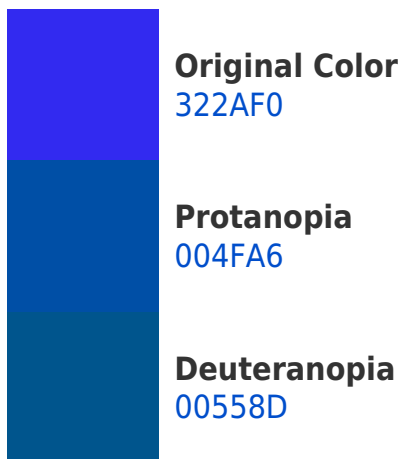


This preview shows how white text looks on a background with the Hex color 322AF0.

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





Tritanopia
005B60

Trichromacy



Original Color
322AF0

Protanomaly
1242C1

Deuteranomaly
1245B1

Tritanomaly
124994

Monochromacy



Original Color
322AF0

Achromatopsia
434343

Achromatomaly
3D3A82

CSS Examples

Text

The CSS property to change the color of the text to Hex 322AF0 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 #322AF0 looks like.

```
.text, #text, p{  
    color:#322AF0  
}
```

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 #322AF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #322AF0
}
```

Border

The CSS property to change the border of an element to Hex 322AF0 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
#322AF0 }
```

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

```
.border{ border-color:#322AF0 }
```

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

Here you see how a box with a 4 pixel #322AF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #322AF0; -webkit-box-shadow:4px 4px  
4px 4px #322AF0; box-shadow:4px 4px 4px  
4px #322AF0 }
```

Background

The CSS property to change the background color of an element to Hex 322AF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#322AF0 }
```

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

```
.background{ background-color:#322AF0 }
```

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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