

Converting Colors

Hex(3220DF)

Have a look what the booklet for
Hex(3220DF) contains.

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Color

Hex(3220DF)

Conversions

Conversions Part 1

Format	Color
Hex	3220DF
RGB	50, 32, 223
RGB Percent	20%, 13%, 87%
CMY	0.8039, 0.8745, 0.1255
CMYK	0.78, 0.86, 0.00, 0.13
HSL	246°, 75%, 50%
HSV	246°, 86%, 87%
XYZ	15.1512, 7.0388, 70.3721
YIQ	59.1560, -50.5830, 63.2170

Conversions

Conversions Part 2

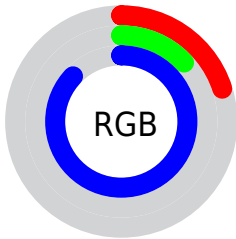
Format	Color
RYB	50, 32, 223
Decimal	3285215
CIELab	31.90, 64.66, -90.34
CIElCh	32, 111.098, 305.593
Yxy	7.0388, 0.1637, 0.0760
Android (android.graphics.Color)	4281475295 (0xFF3220DF)
YUV	59.1560, 80.7751, -8.0298
Hunter-Lab	26.5308, 55.5086, -138.6931

Details

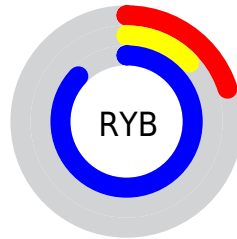
The Hex color **3220DF** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **CDDF20**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **7F55FF**, and **0000A6** is the 20% darker color. If you saturate the color by 10%, you get **1E0ADF**, and if you desaturate by 10%, it is **4636DF**.

Distribution



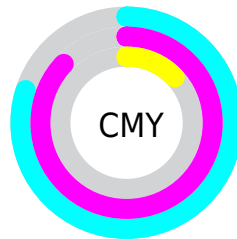
- Red (20%)
- Green (13%)
- Blue (87%)



- Red (20%)
- Yellow (13%)
- Blue (87%)



- Cyan (78%)
- Magenta (86%)
- Yellow (0%)
- Black (13%)






















- Cyan (80%)
- Magenta (87%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3220DF 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 3220DF by changing the saturation by 10% instead.

 3220DF	 3220DF
 FFFFFFFF	 0000C2
 7F55FF	 0000A6
 9F6FFF	 00008B
 BF8AFF	 000070
 DFA5FF	 000C56
 FEC1FF	 00063E
 FFDEFF	 000327
 FFFBFF	 000111
	 000000

■ 3220DF

■ 3220DF

■ 1E0ADF

■ 4636DF

■ 1500DF

■ 5A4DDF

■ 6F63DF

■ 8379DF

■ 9790DF

■ ABA6DF

■ BFBCDF

■ D4D2DF

■ E8E9DF

Harmonies

Analogous

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



0058FF



3220DF



B60096

Triad

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



3220DF



921F00



00655A

Complementary

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



3220DF



CDDF20

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.



006300



3220DF



4E4E00

Square

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



3220DF



C10000



005E00



0068B2

Rectangle

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



3220DF



CF005C



005E00



00643B

Sweetspot

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



3220DF



C3BDFE



20CFDF



5C5880



000000



808080

Same Dimension

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



3220DF



1800FF



8F20DF



666570



1100B0



050030

Inverse Universe

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



DF20CD



FF00E7



70DF20



70656F



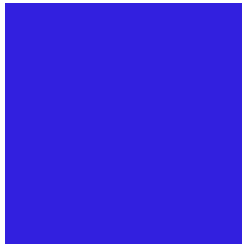
B0009F



30002C

Previews

White Background



This preview shows how the Hex color 3220DF looks on a white background.

Color Contrast Check

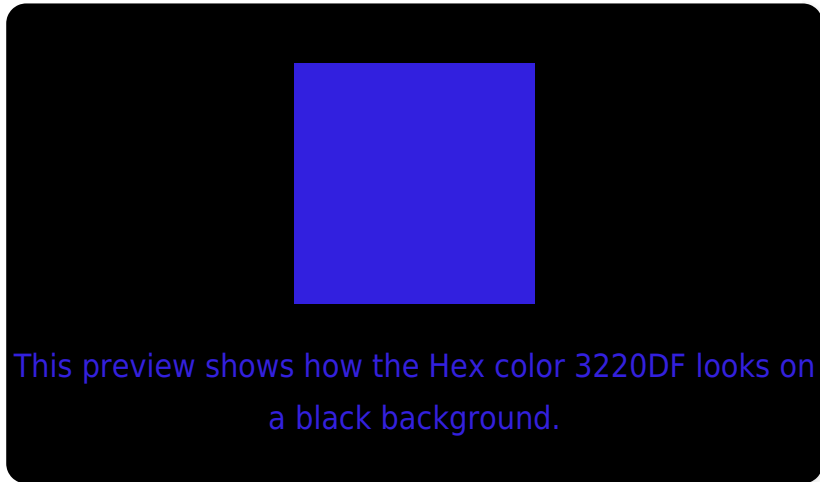
Large Text (above 18pt) WCAG AA ✓ Pass

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

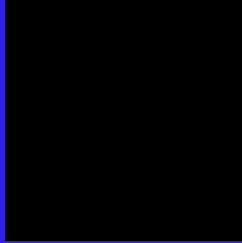
Any Text WCAG AA × Fail

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 3220DF Background



This preview shows how black text looks on a background with the Hex color 3220DF.



This preview shows how white text looks on a background with the Hex color 3220DF.

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



Trichromacy



Original Color
3220DF

Protanomaly
1239B1

Deuteranomaly
123DA3

Tritanomaly
124088

Monochromacy



Original Color
3220DF

Achromatopsia
3B3B3B

Achromatomaly
383177

CSS Examples

Text

The CSS property to change the color of the text to Hex 3220DF 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 #3220DF looks like.

```
.text, #text, p{  
    color:#3220DF  
}
```

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 #3220DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3220DF
}
```

Border

The CSS property to change the border of an element to Hex 3220DF 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
#3220DF }
```

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

```
.border{ border-color:#3220DF }
```

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

Here you see how a box with a 4 pixel #3220DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3220DF; -webkit-box-shadow:4px 4px  
4px 4px #3220DF; box-shadow:4px 4px 4px  
4px #3220DF }
```

Background

The CSS property to change the background color of an element to Hex 3220DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3220DF }
```

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

```
.background{ background-color:#3220DF }
```

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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