

# Converting Colors

Hex(3222FF)

Have a look what the booklet for  
Hex(3222FF) contains.

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**Color**

**Hex(3222FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3222FF
RGB	50, 34, 255
RGB Percent	20%, 13%, 100%
CMY	0.8039, 0.8667, 0.0000
CMYK	0.80, 0.87, 0.00, 0.00
HSL	244°, 100%, 57%
HSV	244°, 87%, 100%
XYZ	19.9374, 9.0422, 95.3022
YIQ	63.9780, -61.4050, 72.1230

# Conversions

## Conversions Part 2

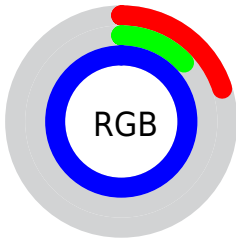
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	50, 34, 255
Decimal	3285759
CIE Lab	36.07, 72.67, -101.55
CIE LCh	36, 124.866, 305.587
Yxy	9.0422, 0.1604, 0.0728
Android (android.graphics.Color)	4281475839 (0xFF3222FF)
YUV	63.9780, 94.1738, -12.2587
Hunter-Lab	30.0702, 65.7279, -166.8602

# Details

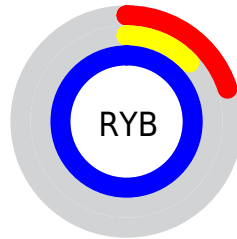
The Hex color **3222FF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FFFF22**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **8659FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **1A08FF**, and if you desaturate by 10%, it is **4A3BFF**.

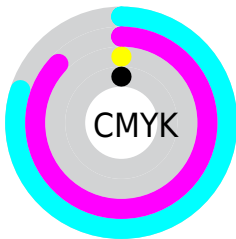
# Distribution



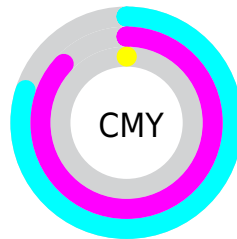
- Red (20%)
- Green (13%)
- Blue (100%)



- Red (20%)
- Yellow (13%)
- Blue (100%)



- Cyan (80%)
- Magenta (87%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (87%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3222FF 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 3222FF by changing the saturation by 10% instead.



 3222FF

 3222FF

FFFFFF

 0000E1

 8659FF

 0000C4

 A874FF

 0000A8

 C98FFF

 00008C

 EAABFF

 000C72

 FFC7FF

 000C58

 FFE4FF

 000740

 000329

 000113

 3222FF

 3222FF


 1A08FF

 4A3BFF

 1200FF

 6155FF

 796EFF

 9188FF

 A8A2FF

 C0BBFF

 D8D4FF

 EFEEFF

FFFFFF

# Harmonies

## Analogous

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



0064FF



3222FF



CF00AA

# Triad

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



3222FF



A62000



007267

# Complementary

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



3222FF



EFFF22

# 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.



006F00



3222FF



585900

# Square

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



3222FF



DC0000



006A00



0076CB

# Rectangle

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



3222FF



EC0069



006A00



007143



# Sweetspot

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



3222FF



C2BDFF



22F0FF



5B5880



000000



808080



# Same Dimension

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



3222FF



1200FF



9F22FF



747380



0E00BF



050040



# Inverse Universe

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



FF22EF



FF00ED



82FF22



80737F



BF00B1

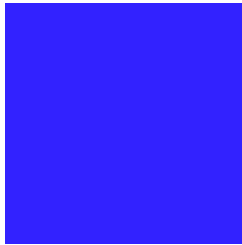


40003B



# Previews

## White Background



This preview shows how the Hex color 3222FF 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

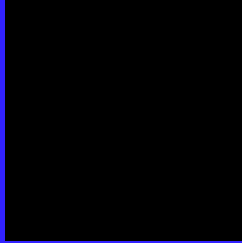
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3222FF Background



This preview shows how black text looks on a background with the Hex color 3222FF.



This preview shows how white text looks on a background with the Hex color 3222FF.

# 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**  
3222FF

**Protanopia**  
0051AA

**Deuteranopia**  
005790



**Tritanopia**  
005D62

# Trichromacy



**Original Color**  
3222FF

**Protanomaly**  
1240C9

**Deuteranomaly**  
1244B8

**Tritanomaly**  
12489B

# Monochromacy



**Original Color**  
3222FF

**Achromatopsia**  
404040

**Achromatomaly**  
3B3585

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3222FF 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 #3222FF looks like.

```
.text, #text, p{  
    color:#3222FF  
}
```

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 #3222FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3222FF
}
```

## Border

The CSS property to change the border of an element to Hex 3222FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

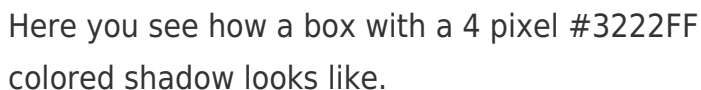
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3222FF }
```

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

```
.border{ border-color:#3222FF }
```

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



Here you see how a box with a 4 pixel #3222FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3222FF; -webkit-box-shadow:4px 4px  
4px 4px #3222FF; box-shadow:4px 4px 4px  
4px #3222FF }
```

# Background

The CSS property to change the background color of an element to Hex 3222FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3222FF }
```

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

```
.background{ background-color:#3222FF }
```

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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