

# Converting Colors

Hex(362CFC)

Have a look what the booklet for  
Hex(362CFC) contains.

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# Color

Hex(362CFC)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 362CFC                     |
| RGB           | 54, 44, 252                |
| RGB Percent   | 21%, 17%, 99%              |
| CMY           | 0.7882, 0.8275, 0.0118     |
| CMYK          | 0.79, 0.83, 0.00, 0.01     |
| HSL           | 243°, 97%, 58%             |
| HSV           | 243°, 83%, 99%             |
| XYZ           | 19.9927, 9.6139, 92.8974   |
| YIQ           | 70.7020, -60.8080, 66.8080 |

# Conversions

## Conversions Part 2

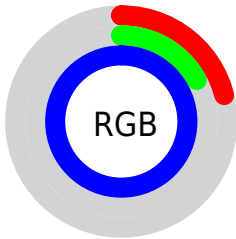
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 54, 44, 252                    |
| Decimal                             | 3550460                        |
| CIELab                              | 37.14, 68.31, -98.07           |
| CIELCh                              | 37, 119.512, 304.857           |
| Yxy                                 | 9.6139, 0.1632,<br>0.0785      |
| Android<br>(android.graphics.Color) | 4281740540<br>(0xFF362CFC)     |
| YUV                                 | 70.7020, 89.3799,<br>-14.6477  |
| Hunter-Lab                          | 31.0063, 60.8348,<br>-155.9332 |

# Details

The Hex color **362CFC** 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 **F2FC2C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **8760FF**, and **0000C2** is the 20% darker color. If you saturate the color by 10%, you get **1E13FC**, and if you desaturate by 10%, it is **4E45FC**.

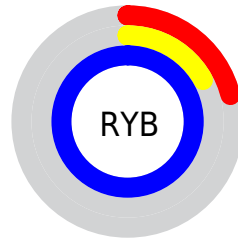
# Distribution



Red (21%)

Green (17%)

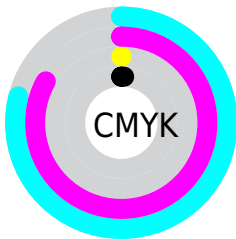
Blue (99%)



Red (21%)

Yellow (17%)

Blue (99%)

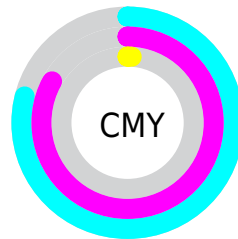


Cyan (79%)

Magenta (83%)

Yellow (0%)

Black (1%)



Cyan (79%)

Magenta (83%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 362CFC 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 362CFC by changing the saturation by 10% instead.



 362CFC

 362CFC

FFFFFF

 000EDF

 8760FF

 0000C2

 A87BFF

 0000A5

 C996FF

 00008A

 E9B2FF

 000B6F

 FFCEFF

 000C56

 FFE8FF

 00063D

 000327

 000110

 362CFC

 362CFC

 1E13FC

 4E45FC

 0C00FC

 665EFC

 7E78FC

 9691FC

 AEAAFC

 C6C3FC

 DEDCFC

 F6F6FC

FFFFFFC

# Harmonies

## Analogous

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



0066FF



362CFC



CC00AC

# Triad

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



362CFC



A82500



007566

# Complementary

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



362CFC



F2FC2C

# 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.



007200



362CFC



5E5A00

# Square

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



362CFC



DC0000



006C00



0078C7

# Rectangle

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



362CFC



E9006D



006C00



007444



# Sweetspot

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



362CFC



C2BFFF



2CF5FC



5B5980



000000



808080



# Same Dimension

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



362CFC



0F03FF



9B2CFC



71707D



0900BD



03003D



# Inverse Universe

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



FC2CF2



FF03F3



8DFC2C



7D707C



BD00B4

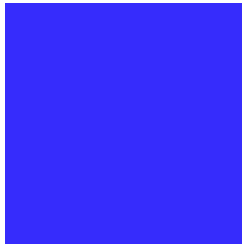


3D003A



# Previews

## White Background



This preview shows how the Hex color 362CFC looks on a white background.

## Color Contrast Check

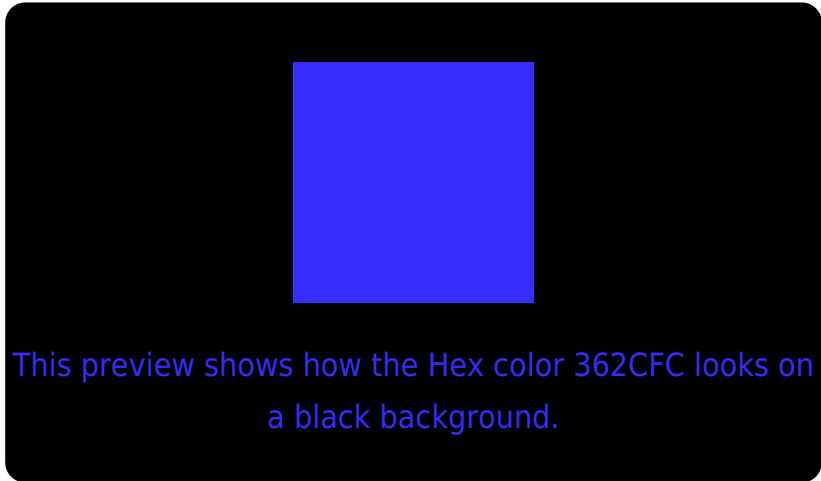
Large Text (above 18pt) WCAG AA ✓ Pass

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 362CFC Background



This preview shows how black text looks on a background with the Hex color 362CFC.

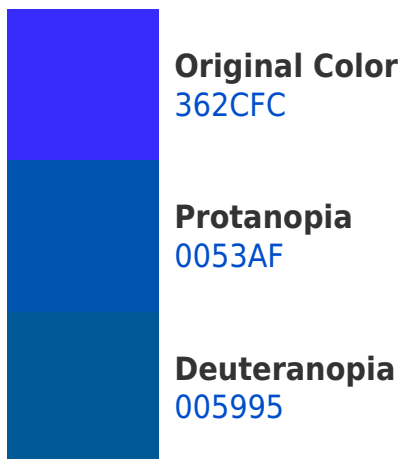


This preview shows how white text looks on a background with the Hex color 362CFC.

# 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**  
362CFC

**Protanomaly**  
1445CB

**Deuteranomaly**  
1449BA

**Tritanomaly**  
144D9C

# Monochromacy



**Original Color**  
362CFC

**Achromatopsia**  
474747

**Achromatomaly**  
413D89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 362CFC 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 #362CFC looks like.

```
.text, #text, p{  
    color:#362CFC  
}
```

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 #362CFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #362CFC
}
```

## Border

The CSS property to change the border of an element to Hex 362CFC is called "border". The border property can be set on classes, ids or directly on the HTML element.

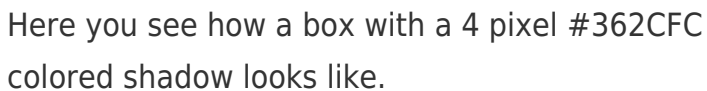
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#362CFC }
```

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

```
.border{ border-color:#362CFC }
```

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



Here you see how a box with a 4 pixel #362CFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #362CFC; -webkit-box-shadow:4px 4px  
4px 4px #362CFC; box-shadow:4px 4px 4px  
4px #362CFC }
```

# Background

The CSS property to change the background color of an element to Hex 362CFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#362CFC }
```

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

```
.background{ background-color:#362CFC }
```

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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