

# Converting Colors

Hex(5252FF)

Have a look what the booklet for  
Hex(5252FF) contains.

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**Color**

**Hex(5252FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5252FF
RGB	82, 82, 255
RGB Percent	32%, 32%, 100%
CMY	0.6784, 0.6784, 0.0000
CMYK	0.68, 0.68, 0.00, 0.00
HSL	240°, 100%, 66%
HSV	240°, 68%, 100%
XYZ	24.5470, 15.0484, 96.2186
YIQ	101.7220, -55.5330, 53.8030

# Conversions

## Conversions Part 2

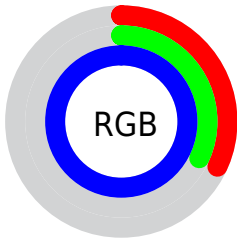
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	82, 82, 255
Decimal	5395199
CIE Lab	45.70, 52.46, -85.54
CIE LCh	46, 100.350, 301.520
Yxy	15.0484, 0.1807, 0.1108
Android (android.graphics.Color)	4283585279 (0xFF5252FF)
YUV	101.7220, 75.5661, -17.2962
Hunter-Lab	38.7923, 45.0646, -119.9055

# Details

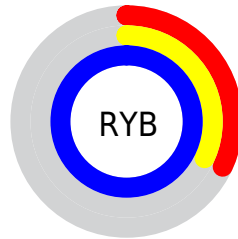
The Hex color **5252FF** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **FFFF52**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9785FF**, and **0023C5** is the 20% darker color. If you saturate the color by 10%, you get **3939FF**, and if you desaturate by 10%, it is **6B6BFF**.

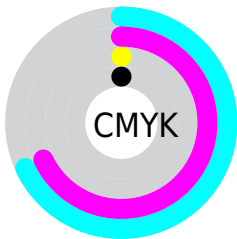
# Distribution



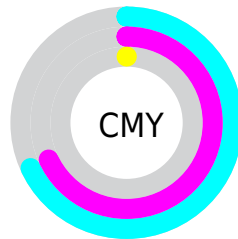
- Red (32%)
- Green (32%)
- Blue (100%)



- Red (32%)
- Yellow (32%)
- Blue (100%)



- Cyan (68%)
- Magenta (68%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (68%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5252FF 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 5252FF by changing the saturation by 10% instead.



 5252FF

 5252FF

FFFFFF

 223AE2

 9785FF

 0023C5

 B69FFF

 000DA9

 D6BAFF

 00008D

 F6D6FF

 000073

 FFF3FF

 000D59

 000740

 000329

 000114

■ 5252FF

■ 5252FF

■ 3939FF

■ 6B6BFF

■ 1F1FFF

■ 8585FF

■ 0606FF

■ 9F9FFF

■ 0000FF

■ B8B8FF

■ D2D2FF

■ EBEBFF

FFFFFF

# Harmonies

## Analogous

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



0078FF



5252FF



CE00BE

# Triad

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



5252FF



C04200



008A6F

# Complementary

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



5252FF



FFFF52

# 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.



008702



5252FF



816B00

# Square

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



5252FF



EB001A



177F00



008CC3

# Rectangle

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



5252FF



ED0088



177F00



008A51



# Sweetspot

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



5252FF



CCCCFF



52FFFF



616180



000000



808080



# Same Dimension

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



5252FF



3030FF



A952FF



737380



0000BF



000040



# Inverse Universe

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



FF52FF



FF30FF



A9FF52



807380



BF00BF

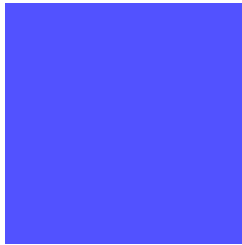


400040



# Previews

## White Background



This preview shows how the Hex color 5252FF looks on a white background.

## Color Contrast Check

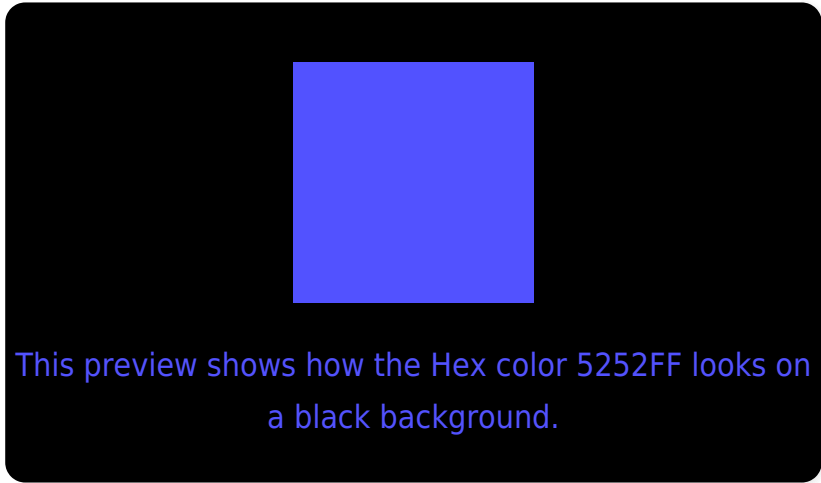
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

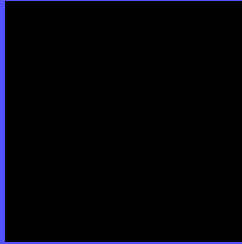
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5252FF Background



This preview shows how black text looks on a background with the Hex color 5252FF.

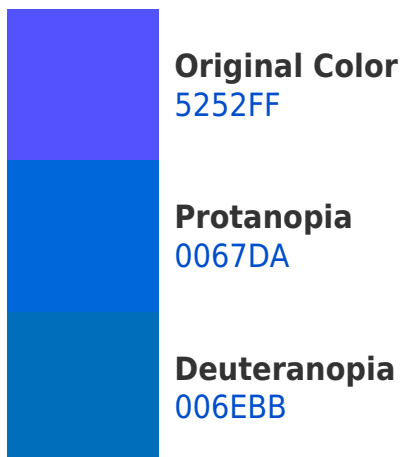


This preview shows how white text looks on a background with the Hex color 5252FF.

# 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](#).

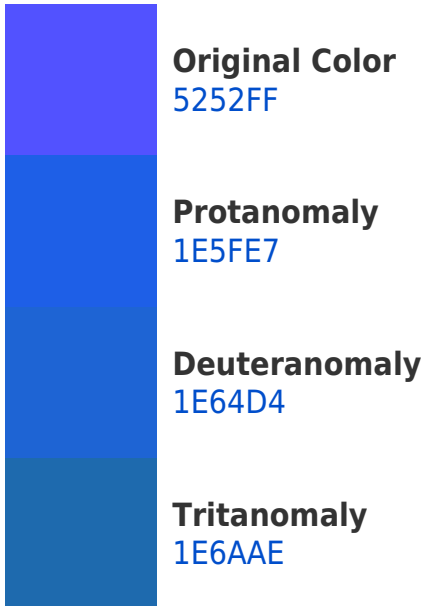
## Dichromacy





**Tritanopia**  
007780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5252FF 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 #5252FF looks like.

```
.text, #text, p{  
    color:#5252FF  
}
```

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 #5252FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5252FF
}
```

## Border

The CSS property to change the border of an element to Hex 5252FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

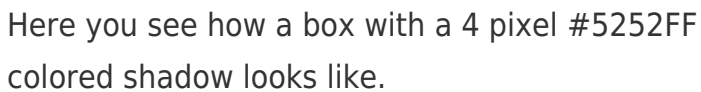
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5252FF }
```

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

```
.border{ border-color:#5252FF }
```

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



Here you see how a box with a 4 pixel #5252FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5252FF; -webkit-box-shadow:4px 4px  
4px 4px #5252FF; box-shadow:4px 4px 4px  
4px #5252FF }
```

# Background

The CSS property to change the background color of an element to Hex 5252FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5252FF }
```

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

```
.background{ background-color:#5252FF }
```

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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