

# Converting Colors

Hex(6528FB)

Have a look what the booklet for  
Hex(6528FB) contains.

<b>Hex(6528FB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6528FB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6528FB
RGB	101, 40, 251
RGB Percent	40%, 16%, 98%
CMY	0.6039, 0.8431, 0.0157
CMYK	0.60, 0.84, 0.00, 0.02
HSL	257°, 96%, 57%
HSV	257°, 84%, 98%
XYZ	23.5382, 11.2493, 92.1975
YIQ	82.2930, -31.3750, 78.5530

# Conversions

## Conversions Part 2

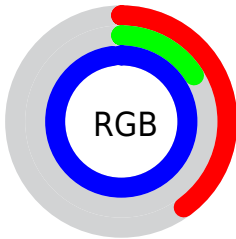
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 40, 251
Decimal	6629627
CIE <sub>Lab</sub>	40.00, 72.62, -92.67
CIE <sub>LCh</sub>	40, 117.732, 308.086
Yxy	11.2493, 0.1854, 0.0886
Android (android.graphics.Color)	4284819707 (0xFF6528FB)
YUV	82.2930, 83.1726, 16.4060
Hunter-Lab	33.5400, 66.5754, -139.5032

# Details

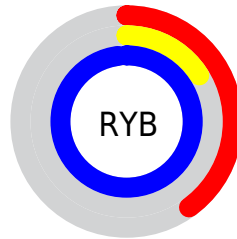
The Hex color **6528FB** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **BEFB28**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **A761FF**, and **0000C1** is the 20% darker color. If you saturate the color by 10%, you get **530FFB**, and if you desaturate by 10%, it is **7741FB**.

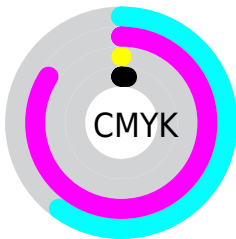
# Distribution



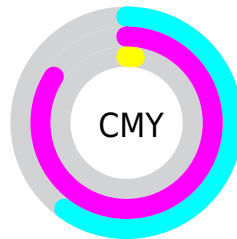
- Red (40%)
- Green (16%)
- Blue (98%)



- Red (40%)
- Yellow (16%)
- Blue (98%)



- Cyan (60%)
- Magenta (84%)
- Yellow (0%)
- Black (2%)



- Cyan (60%)
- Magenta (84%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6528FB 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 6528FB by changing the saturation by 10% instead.



 6528FB

 6528FB

FFFFFF

 3E00DE

 A761FF

 0000C1

 C77CFF

 0000A5

 E798FF

 000089

 FFB4FF

 00006F

 FFD0FF

 000C55

 FFEEFF

 00063D

 000326

 00010F

■ 6528FB

■ 6528FB

■ 530FFB

■ 7741FB

■ 4900FB

■ 895AFB

■ 9B73FB

■ AC8CFB

■ BEA6FB

■ D0BFFB

■ E2D8FB

■ F4F1FB

FFFFFB

# Harmonies

## Analogous

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



0068FF



6528FB



DA00A9

# Triad

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



6528FB



A93800



007D77

# Complementary

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



6528FB



BEFB28

# 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.



007A00



6528FB



5C6400

# Square

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



6528FB



E00000



007400



0080D6

# Rectangle

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



6528FB



F30069



007400



007C56



# Sweetspot

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



6528FB



D2BFFF



28BFFB



645980



000000



808080



# Same Dimension

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



6528FB



4A00FF



CD28FB



74707D



3700BD



12003D



# Inverse Universe

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



FB28BE



FF00B5



56FB28



7D7079



BD0086

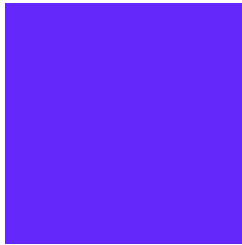


3D002C



# Previews

## White Background



This preview shows how the Hex color 6528FB looks on a white background.

## Color Contrast Check

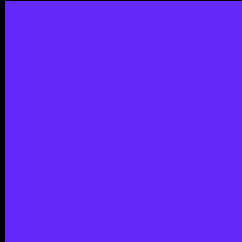
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 6528FB looks on a 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 6528FB Background



This preview shows how black text looks on a background with the Hex color 6528FB.



This preview shows how white text looks on a background with the Hex color 6528FB.

# 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**  
6528FB

**Protanopia**  
005BBE

**Deuteranopia**  
0061A2



**Tritanopia**  
23676F

# Trichromacy



**Original Color**  
6528FB



**Protanomaly**  
2548D4



**Deuteranomaly**  
254CC2



**Tritanomaly**  
3B50A2

# Monochromacy



**Original Color**  
6528FB



**Achromatopsia**  
525252



**Achromatomaly**  
59438F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6528FB 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 #6528FB looks like.

```
.text, #text, p{  
    color:#6528FB  
}
```

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 #6528FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6528FB
}
```

## Border

The CSS property to change the border of an element to Hex 6528FB 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
#6528FB }
```

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

```
.border{ border-color:#6528FB }
```

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

Here you see how a box with a 4 pixel #6528FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6528FB; -webkit-box-shadow:4px 4px  
4px 4px #6528FB; box-shadow:4px 4px 4px  
4px #6528FB }
```

# Background

The CSS property to change the background color of an element to Hex 6528FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6528FB }
```

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

```
.background{ background-color:#6528FB }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**