

Converting Colors

Hex(6304FB)

Have a look what the booklet for
Hex(6304FB) contains.

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Color

Hex(6304FB)

Conversions

Conversions Part 1

Format	Color
Hex	6304FB
RGB	99, 4, 251
RGB Percent	39%, 2%, 98%
CMY	0.6118, 0.9843, 0.0157
CMYK	0.61, 0.98, 0.00, 0.02
HSL	263°, 97%, 50%
HSV	263°, 98%, 98%
XYZ	22.6016, 9.7045, 91.9487
YIQ	60.5630, -22.6670, 96.9570

Conversions

Conversions Part 2

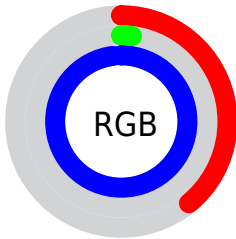
Format	Color
R_{YB}	99, 4, 251
Decimal	6489339
CIE _{Lab}	37.31, 80.00, -97.13
CIE _{LCh}	37, 125.836, 309.474
Yxy	9.7045, 0.1819, 0.0781
Android (android.graphics.Color)	4284679419 (0xFF6304FB)
YUV	60.5630, 93.8854, 33.7092
Hunter-Lab	31.1521, 74.9900, -153.1944

Details

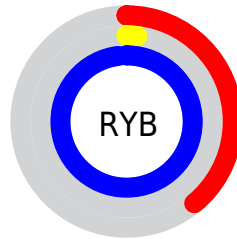
The Hex color **6304FB** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **9CFB04**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **A74FFF**, and **0000C1** is the 20% darker color. If you saturate the color by 10%, you get **6100FB**, and if you desaturate by 10%, it is **721DFB**.

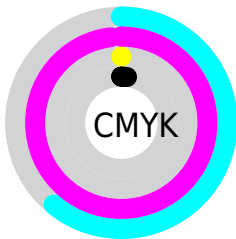
Distribution



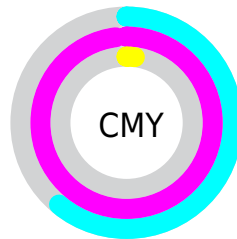
- Red (39%)
- Green (2%)
- Blue (98%)



- Red (39%)
- Yellow (2%)
- Blue (98%)



- Cyan (61%)
- Magenta (98%)
- Yellow (0%)
- Black (2%)



- Cyan (61%)
- Magenta (98%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6304FB 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 6304FB by changing the saturation by 10% instead.

 6304FB

 6304FB

FFFFFF

 3B00DE


 A74FFF

 0000C1

 C76CFF

 0000A4

 E788FF

 000089

 FFA5FF

 00016E

 FFC2FF

 000C55

 FFDFFF

 00063D

 FFFDFF

 000226

 00010F

■ 6304FB

■ 6304FB

■ 6100FB

■ 721DFB

■ 8236FB

■ 914FFB

■ A168FB

■ B082FB

■ C09BFB

■ CFB4FB

■ DFCDFB

■ EEE6FB

Harmonies

Analogous

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



0062FF



6304FB



DC00A2

Triad

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



6304FB



A13100



007678

Complementary

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



6304FB



9CFB04

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.



007300



6304FB



4E5F00

Square

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



6304FB



DB0000



006E00



007ADB

Rectangle

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



6304FB



F4005F



006E00



007554

Sweetspot

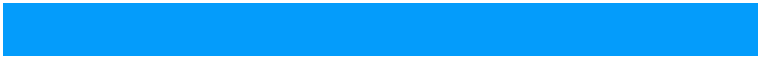
The Sweet Spot groups the original color and five complimentary colors.



6304FB



D0B3FF



049CFB



635280



000000



808080

Same Dimension

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



6304FB



6200FF



DE04FB



75707D



4900BD



18003D

Inverse Universe

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



FB049C



FF009D



21FB04



7D7078



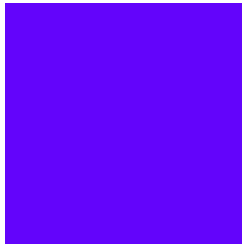
BD0074



3D0026

Previews

White Background



This preview shows how the Hex color 6304FB looks on a white background.

Color Contrast Check

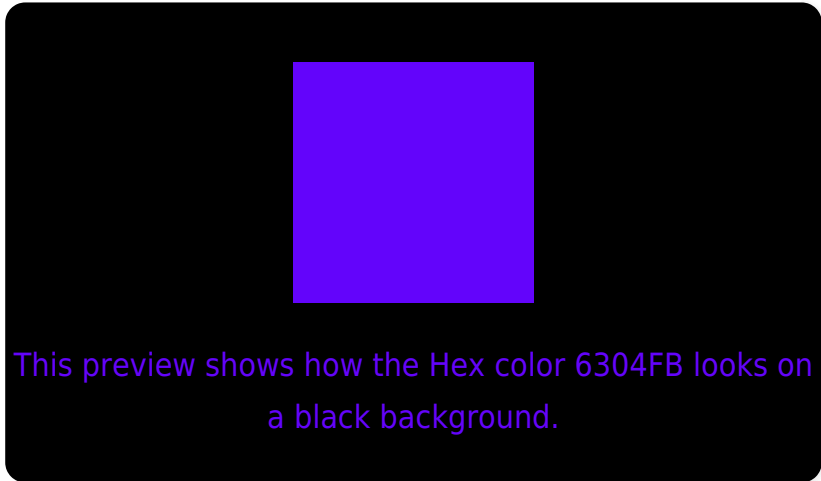
Large Text (above 18pt) WCAG AA ✓ Pass

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

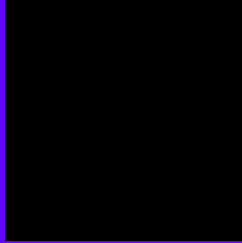
Any Text WCAG AA × Fail

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 6304FB Background



This preview shows how black text looks on a background with the Hex color 6304FB.




This preview shows how white text looks on a background with the Hex color 6304FB.

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
16626A

Trichromacy



Original Color
6304FB



Protanomaly
2438CD



Deuteranomaly
243BBD



Tritanomaly
32409F

Monochromacy



Original Color
6304FB



Achromatopsia
3D3D3D



Achromatomaly
4B2882

CSS Examples

Text

The CSS property to change the color of the text to Hex 6304FB 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 #6304FB looks like.

```
.text, #text, p{  
    color:#6304FB  
}
```

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 #6304FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6304FB
}
```

Border

The CSS property to change the border of an element to Hex 6304FB 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
#6304FB }
```

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

```
.border{ border-color:#6304FB }
```

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

Here you see how a box with a 4 pixel #6304FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6304FB; -webkit-box-shadow:4px 4px  
4px 4px #6304FB; box-shadow:4px 4px 4px  
4px #6304FB }
```

Background

The CSS property to change the background color of an element to Hex 6304FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6304FB }
```

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

```
.background{ background-color:#6304FB }
```

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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