

Converting Colors

Hex(6400F3)

Have a look what the booklet for
Hex(6400F3) contains.

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Color

Hex(6400F3)

Conversions

Conversions Part 1

Format	Color
Hex	6400F3
RGB	100, 0, 243
RGB Percent	39%, 0%, 95%
CMY	0.6078, 1.0000, 0.0471
CMYK	0.59, 1.00, 0.00, 0.05
HSL	265°, 100%, 48%
HSV	265°, 100%, 95%
XYZ	21.4332, 9.1804, 85.4364
YIQ	57.6020, -18.4030, 96.7730

Conversions

Conversions Part 2

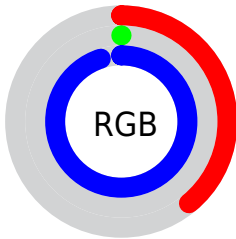
Format	Color
R_{YB}	100, 0, 243
Decimal	6553843
CIE Lab	36.33, 78.78, -94.25
CIE LCh	36, 122.835, 309.891
Yxy	9.1804, 0.1847, 0.0791
Android (android.graphics.Color)	4284743923 (0xFF6400F3)
YUV	57.6020, 91.4012, 37.1830
Hunter-Lab	30.2992, 73.2448, -145.9742

Details

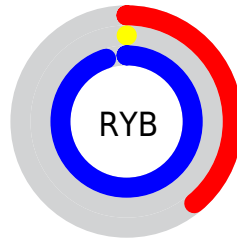
The Hex color **6400F3** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **8FF300**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A64DFF**, and **0000B9** is the 20% darker color. If you saturate the color by 10%, you get **6400F3**, and if you desaturate by 10%, it is **7218F3**.

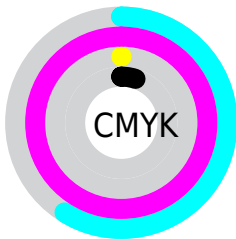
Distribution



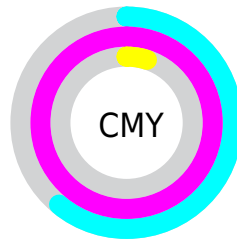
- Red (39%)
- Green (0%)
- Blue (95%)



- Red (39%)
- Yellow (0%)
- Blue (95%)



- Cyan (59%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)



- Cyan (61%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6400F3 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 6400F3 by changing the saturation by 10% instead.

6400F3

6400F3

FFFFFF

3D00D6

A64DFF

0000B9

C66AFF

00009D

E686FF

000082

FFA3FF

000267

FFBFFF

000A4E

FFDDFF

000536

FFFAFF

000220

000004

 6400F3

 7218F3

 8131F3

 8F49F3

 9D61F3

 AC79F3

 BA92F3

 C8AAF3

 D6C2F3

 E5DBF3

Harmonies

Analogous

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



005FFF



6400F3



D7009C

Triad

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



6400F3



9C3100



007376

Complementary

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



6400F3



8FF300

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.



007000



6400F3



4B5D00

Square

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



6400F3



D50000



006C00



0076D7

Rectangle

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



6400F3



ED005B



006C00



007253

Sweetspot

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



6400F3



D2B3FF



0092F3



645280



000000



808080

Same Dimension

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



6400F3



6900FF



DB00F3



736E7A



4D00BA



18003B

Inverse Universe

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



F3008F



FF0096



18F300



7A6E75



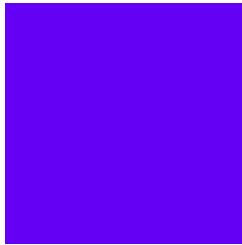
BA006E



3B0023

Previews

White Background



This preview shows how the Hex color 6400F3 looks on a white background.

Color Contrast Check

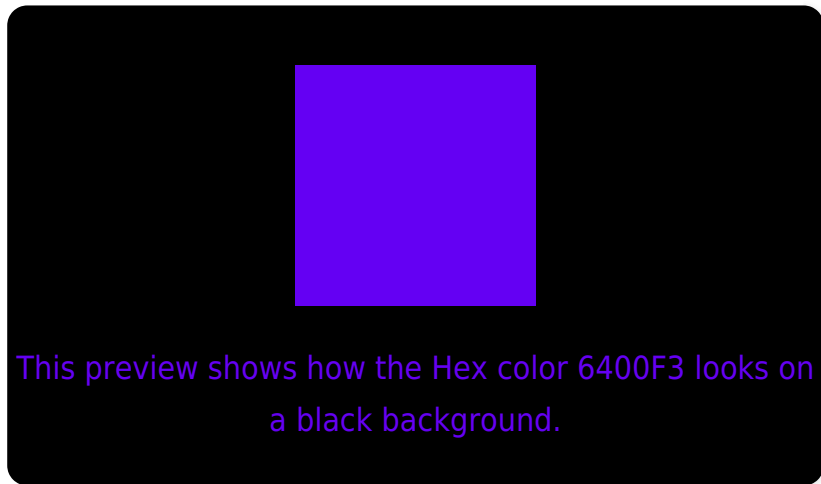
Large Text (above 18pt) WCAG AA ✓ Pass

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

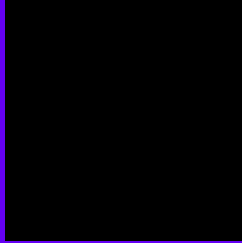
Any Text WCAG AA × Fail

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 6400F3 Background



This preview shows how black text looks on a background with the Hex color 6400F3.



This preview shows how white text looks on a background with the Hex color 6400F3.

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
6400F3

Protanopia
0054B0

Deuteranopia
005996



Tritanopia
265E66

Trichromacy



Original Color

6400F3



Protanomaly

2435C8



Deuteranomaly

2439B8



Tritanomaly

3D3C99

Monochromacy



Original Color

6400F3



Achromatopsia

3A3A3A



Achromatomaly

49257D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6400F3 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 #6400F3 looks like.

```
.text, #text, p{  
    color:#6400F3  
}
```

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 #6400F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6400F3
}
```

Border

The CSS property to change the border of an element to Hex 6400F3 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".

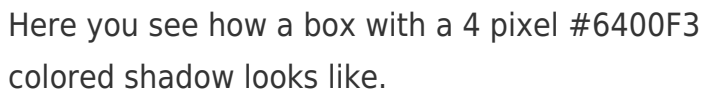
```
.border, #border, table{ border:4px solid
#6400F3 }
```

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

```
.border{ border-color:#6400F3 }
```

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

Here you see how a box with a 4 pixel #6400F3 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The text inside the box reads: "Here you see how a box with a 4 pixel #6400F3 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6400F3; -webkit-box-shadow:4px 4px  
4px 4px #6400F3; box-shadow:4px 4px 4px  
4px #6400F3 }
```

Background

The CSS property to change the background color of an element to Hex 6400F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6400F3 }
```

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

```
.background{ background-color:#6400F3 }
```

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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