

Converting Colors

Hex(6400FA)

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

| | |
|--|----|
| Hex(6400FA) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(6400FA)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6400FA |
| RGB | 100, 0, 250 |
| RGB Percent | 39%, 0%, 98% |
| CMY | 0.6078, 1.0000, 0.0196 |
| CMYK | 0.60, 1.00, 0.00, 0.02 |
| HSL | 264°, 100%, 49% |
| HSV | 264°, 100%, 98% |
| XYZ | 22.5108, 9.6115, 91.1112 |
| YIQ | 58.4000, -20.6500, 98.9500 |

Conversions

Conversions Part 2

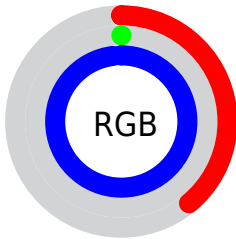
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 100, 0, 250 |
| Decimal | 6553850 |
| CIE _{Lab} | 37.14, 80.32, -96.85 |
| CIE _{LCh} | 37, 125.824, 309.669 |
| Yxy | 9.6115, 0.1827, 0.0780 |
| Android (android.graphics.Color) | 4284743930 (0xFF6400FA) |
| YUV | 58.4000, 94.4588, 36.4832 |
| Hunter-Lab | 31.0023, 75.3550, -152.5428 |

Details

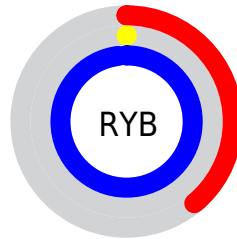
The Hex color **6400FA** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **96FA00**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **A74EFF**, and **0000C0** is the 20% darker color. If you saturate the color by 10%, you get **6400FA**, and if you desaturate by 10%, it is **7319FA**.

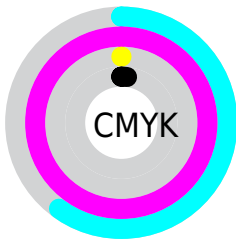
Distribution



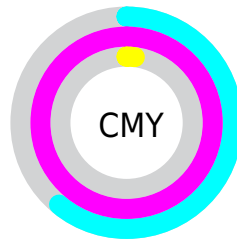
- Red (39%)
- Green (0%)
- Blue (98%)



- Red (39%)
- Yellow (0%)
- Blue (98%)



- Cyan (60%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)



- Cyan (61%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients

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

 6400FA

 6400FA

FFFFFF

 3C00DD

 A74EFF

 0000C0

 C76BFF

 0000A3

 E787FF

 000088

 FFA4FF

 00016D

 FFC1FF

 000B54

 FFDEFF

 00063C

 FFFCFF

 000225

 00010E

 6400FA

 7319FA

 8232FA

 914BFA

 A064FA

 AF7DFA

 BE96FA

 CDAFFA

 DCC8FA

 EBE1FA

Harmonies

Analogous

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



0062FF



6400FA



DC00A1

Triad

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



6400FA



A03100



007678

Complementary

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



6400FA



96FA00

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



6400FA



4D5F00

Square

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



6400FA



DB0000



006E00



0079DC

Rectangle

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



6400FA



F3005E



006E00



007554

Sweetspot

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



6400FA



D1B3FF



0096FA



645280



000000



808080

Same Dimension

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



6400FA



6600FF



E100FA



75707D



4B00BD



18003D

Inverse Universe

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



FA0096



FF0099



19FA00



7D7078



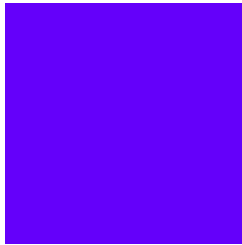
BD0071



3D0025

Previews

White Background



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

Color Contrast Check

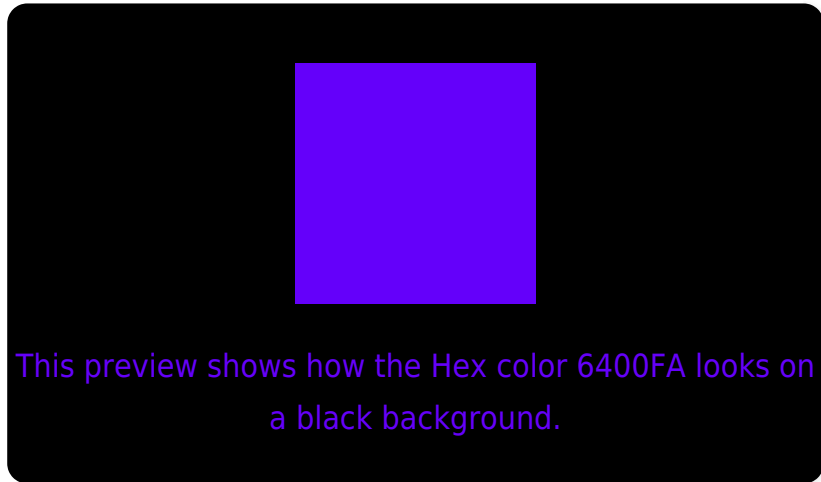
Large Text (above 18pt) WCAG AA ✓ Pass

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 6400FA Background



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



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

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
6400FA

Protanopia
0055B3

Deuteranopia
005B99



Tritanopia
1D6169

Trichromacy



Original Color
6400FA

Protanomaly
2436CD

Deuteranomaly
243ABC

Tritanomaly
373E9E

Monochromacy



Original Color
6400FA

Achromatopsia
3A3A3A

Achromatomaly
492580

CSS Examples

Text

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

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

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 #6400FA colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 6400FA 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
#6400FA }
```

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

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

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

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

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

Background

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

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

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

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

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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