

Converting Colors

Hex(6300F6)

Have a look what the booklet for
Hex(6300F6) contains.

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Color

Hex(6300F6)

Conversions

Conversions Part 1

Format	Color
Hex	6300F6
RGB	99, 0, 246
RGB Percent	39%, 0%, 96%
CMY	0.6118, 1.0000, 0.0353
CMYK	0.60, 1.00, 0.00, 0.04
HSL	264°, 100%, 48%
HSV	264°, 100%, 96%
XYZ	21.7801, 9.3065, 87.8372
YIQ	57.6450, -19.9620, 97.4940

Conversions

Conversions Part 2

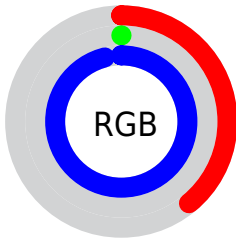
Format	Color
R_{YB}	99, 0, 246
Decimal	6488310
CIE _{Lab}	36.57, 79.38, -95.55
CIE _{LCh}	37, 124.222, 309.721
Yxy	9.3065, 0.1831, 0.0783
Android (android.graphics.Color)	4284678390 (0xFF6300F6)
YUV	57.6450, 92.8590, 36.2683
Hunter-Lab	30.5065, 74.0538, -149.3587

Details

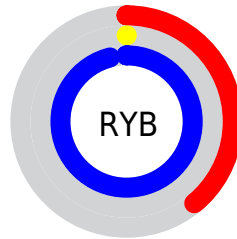
The Hex color **6300F6** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **93F600**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A64EFF**, and **0000BC** is the 20% darker color. If you saturate the color by 10%, you get **6300F6**, and if you desaturate by 10%, it is **7219F6**.

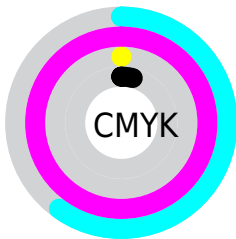
Distribution



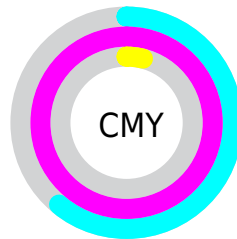
- Red (39%)
- Green (0%)
- Blue (96%)



- Red (39%)
- Yellow (0%)
- Blue (96%)



- Cyan (60%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)



- Cyan (61%)
- Magenta (100%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6300F6 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 6300F6 by changing the saturation by 10% instead.

 6300F6

 6300F6

FFFFFF

 3B00D9

 A64EFF

 0000BC

 C66AFF

 0000A0

 E687FF

 000085

 FFA3FF

 00026A

 FFC0FF

 000B51

 FFDDFF

 000539

 FFFBFF

 000222

 000008

 6300F6

 7219F6

 8031F6

 8F4AF6

 9E62F6

 AC7BF6

 BB94F6

 CAACF6

 D9C5F6

 E7DDF6

Harmonies

Analogous

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



0060FF



6300F6



D8009E

Triad

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



6300F6



9E3100



007476

Complementary

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



6300F6



93F600

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.



007100



6300F6



4B5D00

Square

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



6300F6



D70000



006C00



0077D8

Rectangle

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



6300F6



F0005D



006C00



007353

Sweetspot

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



6300F6



D1B3FF



0094F6



645280



000000



808080

Same Dimension

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



6300F6



6700FF



DD00F6



736E7A



4B00BA



18003B

Inverse Universe

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



F60093



FF0098



19F600



7A6E75



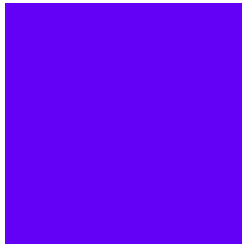
BA006F



3B0023

Previews

White Background



This preview shows how the Hex color 6300F6 looks on a white background.

Color Contrast Check

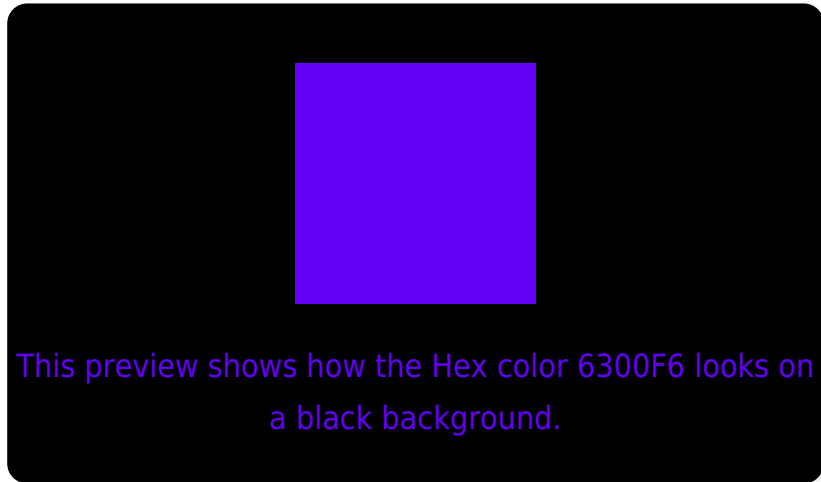
Large Text (above 18pt) WCAG AA ✓ Pass

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 6300F6 Background



This preview shows how black text looks on a background with the Hex color 6300F6.

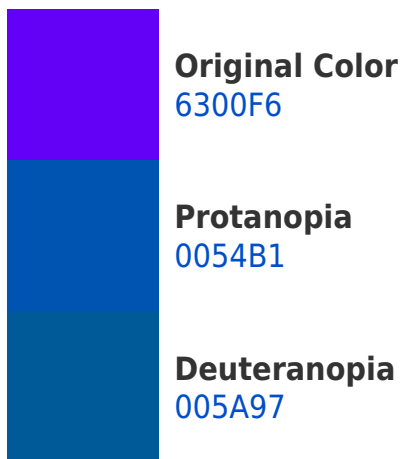



This preview shows how white text looks on a background with the Hex color 6300F6.

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
1F6067

Trichromacy



Original Color
6300F6



Protanomaly
2435CA



Deuteranomaly
2439BA



Tritanomaly
383D9B

Monochromacy



Original Color
6300F6



Achromatopsia
3A3A3A



Achromatomaly
49257E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6300F6 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 #6300F6 looks like.

```
.text, #text, p{  
    color:#6300F6  
}
```

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 #6300F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6300F6
}
```

Border

The CSS property to change the border of an element to Hex 6300F6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

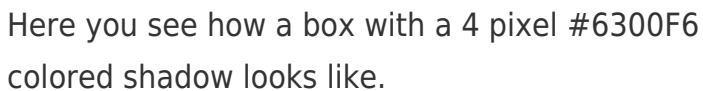
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6300F6 }
```

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

```
.border{ border-color:#6300F6 }
```

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



Here you see how a box with a 4 pixel #6300F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6300F6; -webkit-box-shadow:4px 4px  
4px 4px #6300F6; box-shadow:4px 4px 4px  
4px #6300F6 }
```

Background

The CSS property to change the background color of an element to Hex 6300F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6300F6 }
```

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

```
.background{ background-color:#6300F6 }
```

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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