

Converting Colors

Hex(6303F9)

Have a look what the booklet for
Hex(6303F9) contains.

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Color

Hex(6303F9)

Conversions

Conversions Part 1

Format	Color
Hex	6303F9
RGB	99, 3, 249
RGB Percent	39%, 1%, 98%
CMY	0.6118, 0.9882, 0.0235
CMYK	0.60, 0.99, 0.00, 0.02
HSL	263°, 98%, 49%
HSV	263°, 99%, 98%
XYZ	22.2770, 9.5573, 90.2932
YIQ	59.7480, -21.7500, 96.8580

Conversions

Conversions Part 2

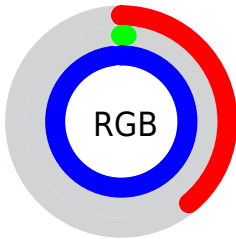
Format	Color
R_{YB}	99, 3, 249
Decimal	6489081
CIE _{Lab}	37.04, 79.68, -96.46
CIE _{LCh}	37, 125.110, 309.557
Yxy	9.5573, 0.1824, 0.0783
Android (android.graphics.Color)	4284679161 (0xFF6303F9)
YUV	59.7480, 93.3012, 34.4240
Hunter-Lab	30.9149, 74.5245, -151.5277

Details

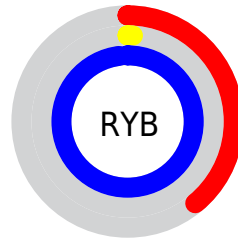
The Hex color **6303F9** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **99F903**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **A64FFF**, and **0000BF** is the 20% darker color. If you saturate the color by 10%, you get **6100F9**, and if you desaturate by 10%, it is **721CF9**.

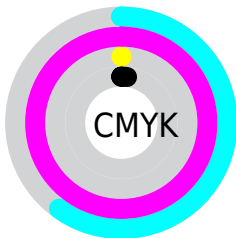
Distribution



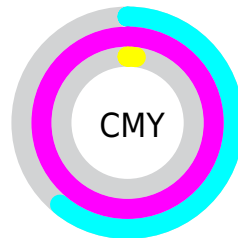
- Red (39%)
- Green (1%)
- Blue (98%)



- Red (39%)
- Yellow (1%)
- Blue (98%)



- Cyan (60%)
- Magenta (99%)
- Yellow (0%)
- Black (2%)



- Cyan (61%)
- Magenta (99%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6303F9 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 6303F9 by changing the saturation by 10% instead.

 6303F9

 6303F9

FFFFFF

 3B00DC

 A64FFF

 0000BF

 C66BFF

 0000A3

 E688FF

 000087

 FFA4FF

 00016D


 FFC1FF

 000B53

 FFDEFF

 00063B

 FFFCFF

 000224

 00000C

 6303F9

 6303F9

 6100F9

 721CF9

 8135F9

 914EF9

 A067F9

 AF7FF9

 BE98F9

 CDB1F9

 DCCAF9

 ECE3F9

Harmonies

Analogous

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



0062FF



6303F9



DB00A0

Triad

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



6303F9



A03100



007577

Complementary

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



6303F9



99F903

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.



007200



6303F9



4D5E00

Square

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



6303F9



DA0000



006E00



0079DA

Rectangle

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



6303F9



F2005E



006E00



007453

Sweetspot

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



6303F9



D0B3FF



039BF9



645280



000000



808080

Same Dimension

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



6303F9



6400FF



DC03F9



75707D



4A00BD



18003D

Inverse Universe

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



F90399



FF009B



20F903



7D7078



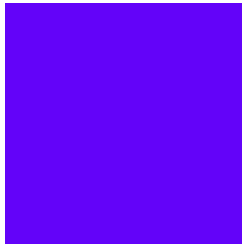
BD0073



3D0025

Previews

White Background



This preview shows how the Hex color 6303F9 looks on a white background.

Color Contrast Check

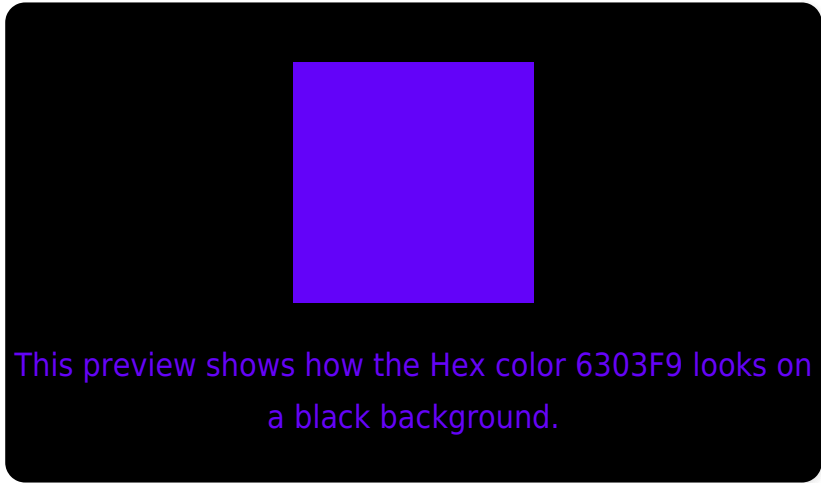
Large Text (above 18pt) WCAG AA ✓ Pass

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 6303F9 Background



This preview shows how black text looks on a background with the Hex color 6303F9.



This preview shows how white text looks on a background with the Hex color 6303F9.

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
6303F9

Protanopia
0055B2

Deuteranopia
005B98



Tritanopia
1A6169

Trichromacy



Original Color
6303F9



Protanomaly
2437CC



Deuteranomaly
243BBB



Tritanomaly
353F9D

Monochromacy



Original Color
6303F9



Achromatopsia
3C3C3C



Achromatomaly
4A2781

CSS Examples

Text

The CSS property to change the color of the text to Hex 6303F9 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 #6303F9 looks like.

```
.text, #text, p{  
    color:#6303F9  
}
```

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 #6303F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6303F9
}
```

Border

The CSS property to change the border of an element to Hex 6303F9 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
#6303F9 }
```

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

```
.border{ border-color:#6303F9 }
```

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

Here you see how a box with a 4 pixel #6303F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6303F9; -webkit-box-shadow:4px 4px  
4px 4px #6303F9; box-shadow:4px 4px 4px  
4px #6303F9 }
```

Background

The CSS property to change the background color of an element to Hex 6303F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6303F9 }
```

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

```
.background{ background-color:#6303F9 }
```

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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