

Converting Colors

Hex(6926FF)

Have a look what the booklet for
Hex(6926FF) contains.

Hex(6926FF)	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(6926FF)

Conversions

Conversions Part 1

Format	Color
Hex	6926FF
RGB	105, 38, 255
RGB Percent	41%, 15%, 100%
CMY	0.5882, 0.8510, 0.0000
CMYK	0.59, 0.85, 0.00, 0.00
HSL	259°, 100%, 57%
HSV	259°, 85%, 100%
XYZ	24.5688, 11.6095, 95.5537
YIQ	82.7710, -29.7250, 81.6910

Conversions

Conversions Part 2

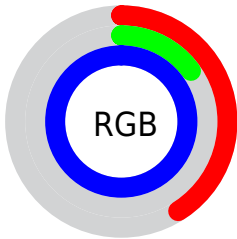
Format	Color
R_{YB}	105, 38, 255
Decimal	6891263
CIE _{Lab}	40.59, 74.59, -93.91
CIE _{LCh}	41, 119.932, 308.458
Yxy	11.6095, 0.1865, 0.0881
Android (android.graphics.Color)	4285081343 (0xFF6926FF)
YUV	82.7710, 84.9089, 19.4948
Hunter-Lab	34.0727, 69.0839, -142.4224

Details

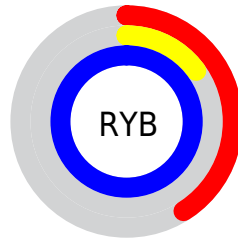
The Hex color **6926FF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **BCFF26**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **AB60FF**, and **0000C5** is the 20% darker color. If you saturate the color by 10%, you get **570DFF**, and if you desaturate by 10%, it is **7B40FF**.

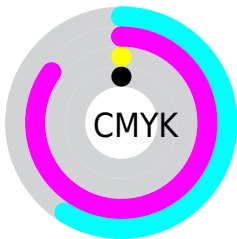
Distribution



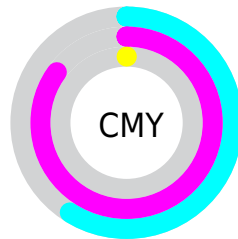
- Red (41%)
- Green (15%)
- Blue (100%)



- Red (41%)
- Yellow (15%)
- Blue (100%)



- Cyan (59%)
- Magenta (85%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (85%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6926FF 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 6926FF by changing the saturation by 10% instead.

 6926FF

 6926FF

FFFFFF

 4300E1

 AB60FF

 0000C5

 CB7CFF

 0000A8

 EB97FF

 00008D

 FFB4FF


 000072

 FFD0FF

 000D58

 FFEEFF

 000740

 000329

 000113

■ 6926FF

■ 6926FF

■ 570DFF

■ 7B40FF

■ 4F00FF

■ 8C59FF

■ 9E73FF

■ B08CFF

■ C1A6FF

■ D3BFFF

■ E4D9FF

■ F6F2FF

FFFFFF

Harmonies

Analogous

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



006AFF



6926FF



DF00AA

Triad

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



6926FF



AB3A00



007F7B

Complementary

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



6926FF



BCFF26

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.



007C00



6926FF



5C6600

Square

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



6926FF



E30000



007600



0082DB

Rectangle

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



6926FF



F8006A



007600



007E58

Sweetspot

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



6926FF



D1BDFF



26BEFF



645880



000000



808080

Same Dimension

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



6926FF



4F00FF



D426FF



777380



3B00BF



140040

Inverse Universe

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



FF26BC



FF00B0



51FF26



80737C



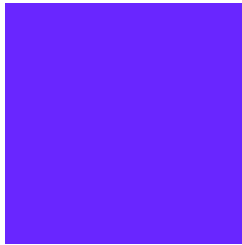
BF0084



40002C

Previews

White Background



This preview shows how the Hex color 6926FF 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 6926FF Background



This preview shows how black text looks on a background with the Hex color 6926FF.



This preview shows how white text looks on a background with the Hex color 6926FF.

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
6926FF

Protanopia
005CC1

Deuteranopia
0062A5



Tritanopia
2B6870

Trichromacy



Original Color
6926FF



Protanomaly
2648D8



Deuteranomaly
264CC6



Tritanomaly
4250A4

Monochromacy



Original Color
6926FF



Achromatopsia
535353



Achromatomaly
5B4392

CSS Examples

Text

The CSS property to change the color of the text to Hex 6926FF 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 #6926FF looks like.

```
.text, #text, p{  
    color:#6926FF  
}
```

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 #6926FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6926FF
}
```

Border

The CSS property to change the border of an element to Hex 6926FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

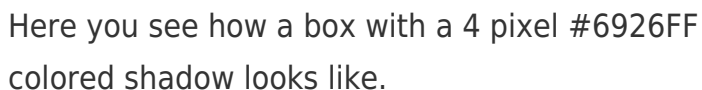
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6926FF }
```

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

```
.border{ border-color:#6926FF }
```

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



Here you see how a box with a 4 pixel #6926FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6926FF; -webkit-box-shadow:4px 4px  
4px 4px #6926FF; box-shadow:4px 4px 4px  
4px #6926FF }
```

Background

The CSS property to change the background color of an element to Hex 6926FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6926FF }
```

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

```
.background{ background-color:#6926FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor