

Converting Colors

Hex(6966FF)

Have a look what the booklet for
Hex(6966FF) contains.

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Color

Hex(6966FF)

Conversions

Conversions Part 1

Format	Color
Hex	6966FF
RGB	105, 102, 255
RGB Percent	41%, 40%, 100%
CMY	0.5882, 0.6000, 0.0000
CMYK	0.59, 0.60, 0.00, 0.00
HSL	241°, 100%, 70%
HSV	241°, 60%, 100%
XYZ	28.6271, 19.7260, 96.9064
YIQ	120.3390, -47.3250, 48.2190

Conversions

Conversions Part 2

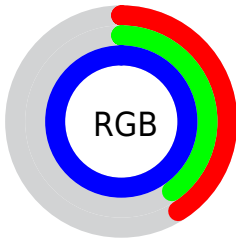
Format	Color
R _Y B	105, 102, 255
Decimal	6907647
CIE Lab	51.53, 44.10, -75.96
CIE LCh	52, 87.829, 300.138
Yxy	19.7260, 0.1971, 0.1358
Android (android.graphics.Color)	4285097727 (0xFF6966FF)
YUV	120.3390, 66.3879, -13.4523
Hunter-Lab	44.4140, 37.3279, -98.2746

Details

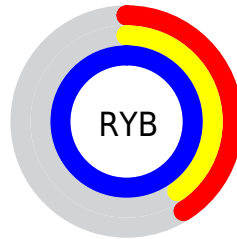
The Hex color **6966FF** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **FCFF66**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A899FF**, and **1537C5** is the 20% darker color. If you saturate the color by 10%, you get **504DFF**, and if you desaturate by 10%, it is **8280FF**.

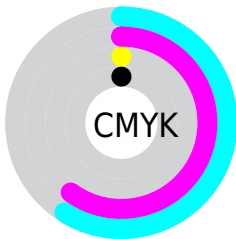
Distribution



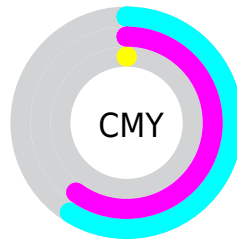
- Red (41%)
- Green (40%)
- Blue (100%)



- Red (41%)
- Yellow (40%)
- Blue (100%)



- Cyan (59%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6966FF 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 6966FF by changing the saturation by 10% instead.

 6966FF

 6966FF

FFFFFF

 464EE2

 A899FF

 1537C5

 C7B4FF

 0021A9

 E5D0FF

 000D8E

 FFECFF

 000073

 00075A

 000741

 00032A

 000114

■ 6966FF

■ 6966FF

■ 504DFF

■ 8280FF

■ 3733FF

■ 9B99FF

■ 1E19FF

■ B4B3FF

■ 0500FF

■ CDCCFF

■ E6E6FF

FFFFFF

Harmonies

Analogous

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



0085FF



6966FF



D12FC7

Triad

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



6966FF



CE5600



009979

Complementary

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



6966FF



FCFF66

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.



009526



6966FF



957800

Square

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



6966FF



F21635



478B00



0099C5

Rectangle

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



6966FF



F00097



478B00



00985F

Sweetspot

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



6966FF



D2D1FF



66FCFF



646380



000000



808080

Same Dimension

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



6966FF



4B47FF



B566FF



737380



0400BF



010040

Inverse Universe

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



FF66FC



FF47FB



B0FF66



80737F



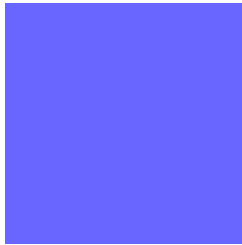
BF00BC



40003F

Previews

White Background



This preview shows how the Hex color 6966FF looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6966FF Background



This preview shows how black text looks on a background with the Hex color 6966FF.



This preview shows how white text looks on a background with the Hex color 6966FF.

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
6966FF

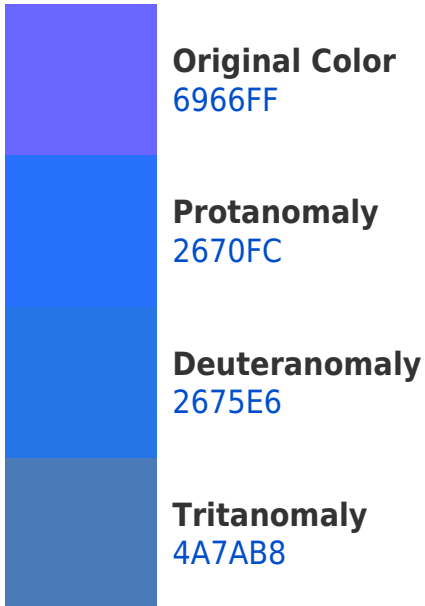
Protanopia
0076FA

Deuteranopia
007DD8



Tritanopia
398590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6966FF 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 #6966FF looks like.

```
.text, #text, p{  
    color:#6966FF  
}
```

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 #6966FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6966FF
}
```

Border

The CSS property to change the border of an element to Hex 6966FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

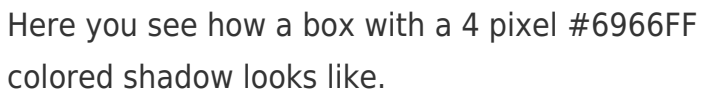
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6966FF }
```

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

```
.border{ border-color:#6966FF }
```

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



Here you see how a box with a 4 pixel #6966FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6966FF; -webkit-box-shadow:4px 4px  
4px 4px #6966FF; box-shadow:4px 4px 4px  
4px #6966FF }
```

Background

The CSS property to change the background color of an element to Hex 6966FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6966FF }
```

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

```
.background{ background-color:#6966FF }
```

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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