

Converting Colors

Hex(6942FF)

Have a look what the booklet for
Hex(6942FF) contains.

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Color

Hex(6942FF)

Conversions

Conversions Part 1

Format	Color
Hex	6942FF
RGB	105, 66, 255
RGB Percent	41%, 26%, 100%
CMY	0.5882, 0.7412, 0.0000
CMYK	0.59, 0.74, 0.00, 0.00
HSL	252°, 100%, 63%
HSV	252°, 74%, 100%
XYZ	25.8239, 14.1197, 95.9720
YIQ	99.2070, -37.4250, 67.0470

Conversions

Conversions Part 2

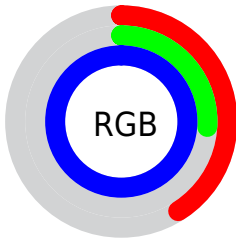
Format	Color
RYB	105, 66, 255
Decimal	6898431
CIELab	44.40, 63.48, -87.62
CIELCh	44, 108.194, 305.924
Yxy	14.1197, 0.1900, 0.1039
Android (android.graphics.Color)	4285088511 (0xFF6942FF)
YUV	99.2070, 76.8059, 5.0805
Hunter-Lab	37.5762, 56.9143, -125.1273

Details

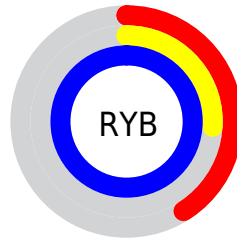
The Hex color **6942FF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **D8FF42**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AA76FF**, and **0608C5** is the 20% darker color. If you saturate the color by 10%, you get **5528FF**, and if you desaturate by 10%, it is **7D5BFF**.

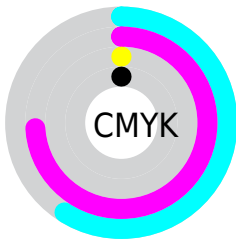
Distribution



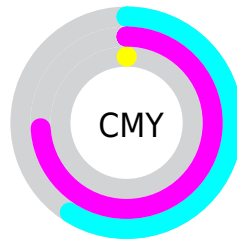
- Red (41%)
- Green (26%)
- Blue (100%)



- Red (41%)
- Yellow (26%)
- Blue (100%)



- Cyan (59%)
- Magenta (74%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (74%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6942FF 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 6942FF by changing the saturation by 10% instead.

 6942FF

 6942FF

FFFFFF

 4428E2

 AA76FF

 0608C5

 C991FF

 0000A9

 E9ADFF


 00008D


 FFC9FF

 000072

 FFE5FF

 000D59

 000740

 000329

 000113

6942FF

6942FF

5528FF

7D5BFF

410FFF

9175FF

3500FF

A68FFF

BAA8FF

CEC2FF

E2DBFF

F7F4FF

FFFFFF

Harmonies

Analogous

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



0073FF



6942FF



DA00B5

Triad

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



6942FF



B84300



00887A

Complementary

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



6942FF



D8FF42

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.



00850D



6942FF



716C00

Square

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



6942FF



E90000



007E00



008AD3

Rectangle

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



6942FF



F6007A



007E00



00875A

Sweetspot

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



6942FF



D2C7FF



42D9FF



655E80



000000



808080

Same Dimension

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



6942FF



4B1CFF



C642FF



757380



2700BF



0D0040

Inverse Universe

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



FF42D8



FF1CD0



7BFF42



80737D



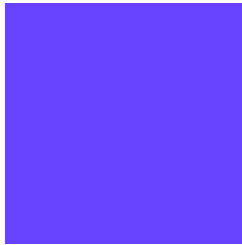
BF0098



400033

Previews

White Background



This preview shows how the Hex color 6942FF 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

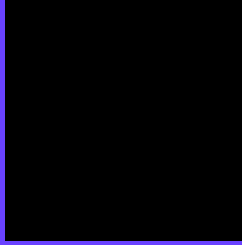
Any Text WCAG AA × Fail

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 6942FF Background



This preview shows how black text looks on a background with the Hex color 6942FF.

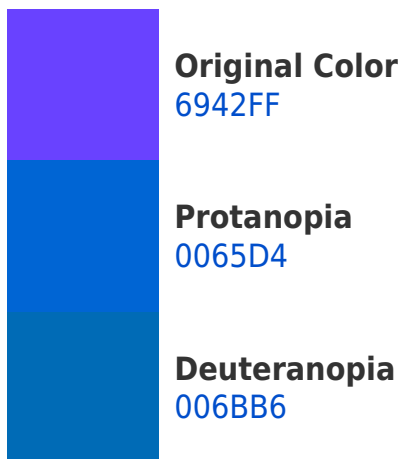


This preview shows how white text looks on a background with the Hex color 6942FF.

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](#).

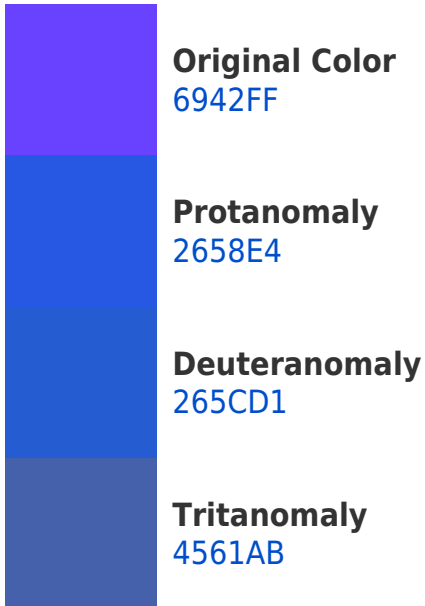
Dichromacy





Tritanopia
30727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6942FF 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 #6942FF looks like.

```
.text, #text, p{  
  color:#6942FF  
}
```

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 #6942FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6942FF
}
```

Border

The CSS property to change the border of an element to Hex 6942FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

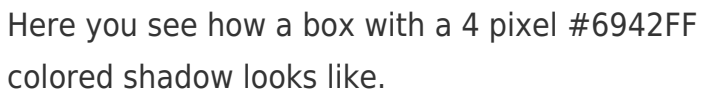
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6942FF }
```

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

```
.border{ border-color:#6942FF }
```

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



Here you see how a box with a 4 pixel #6942FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6942FF; -webkit-box-shadow:4px 4px  
4px 4px #6942FF; box-shadow:4px 4px 4px  
4px #6942FF }
```

Background

The CSS property to change the background color of an element to Hex 6942FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6942FF }
```

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

```
.background{ background-color:#6942FF }
```

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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