

Converting Colors

Hex(72FF00)

Have a look what the booklet for
Hex(72FF00) contains.

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Color

Hex(72FF00)

Conversions

Conversions Part 1

Format	Color
Hex	72FF00
RGB	114, 255, 0
RGB Percent	45%, 100%, 0%
CMY	0.5529, 0.0000, 1.0000
CMYK	0.55, 0.00, 1.00, 0.00
HSL	93°, 100%, 50%
HSV	93°, 100%, 100%
XYZ	42.6994, 75.0974, 12.2448
YIQ	183.7710, -2.1810, -109.1970

Conversions

Conversions Part 2

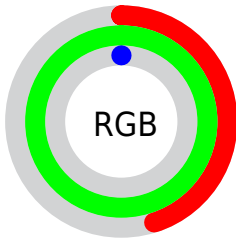
Format	Color
RYB	0, 255, 141
Decimal	7536384
CIELab	89.44, -71.54, 85.25
CIELCh	89, 111.291, 130.000
Yxy	75.0974, 0.3284, 0.5775
Android (android.graphics.Color)	4285726464 (0xFF72FF00)
YUV	183.7710, -90.5991, -61.1892
Hunter-Lab	86.6588, -63.7004, 52.2835

Details

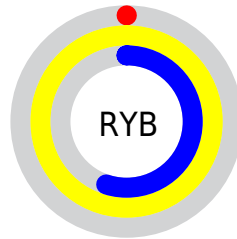
The Hex color **72FF00** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **8D00FF**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **B2FF5D**, and **1FC500** is the 20% darker color. If you saturate the color by 10%, you get **72FF00**, and if you desaturate by 10%, it is **80FF19**.

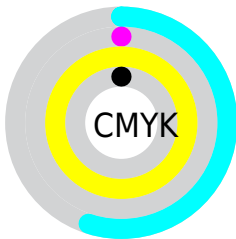
Distribution



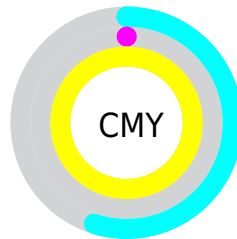
- Red (45%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (55%)



- Cyan (55%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (55%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72FF00 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 72FF00 by changing the saturation by 10% instead.

 72FF00

 72FF00

FFFFFF

 4EE200

 B2FF5D

 1FC500

 D2FF7C

 00A900

 F1FF9A

 008D00

 FFFFB8

 007300

 FFFFD6

 005800

 FFFFF4

 004000

 002600

 000000

 72FF00

 80FF19

 8EFF33

 9CFF4D

 AAFF66

 B9FF80

 C7FF99

 D5FFB3

 E3FFCC

 F1FFE6

Harmonies

Analogous

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



EDE800



72FF00



00FF93

Triad

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



72FF00



00FFFF



FF5DC2

Complementary

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



72FF00



8D00FF

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.



FF76FF



72FF00



00E3FF

Square

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



72FF00



00FFFF



FFB2FF



FF8B5C

Rectangle

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



72FF00



00FFDE



FFB2FF



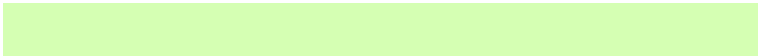
FF5DE6

Sweetspot

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



72FF00



D5FFB3



FF8C00



668052



000000



808080

Same Dimension

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



72FF00



00FF0D



788073



56BF00



1D4000

Inverse Universe

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



8D00FF



FF00F2



7A7380



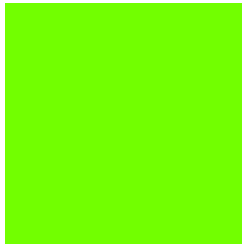
6A00BF



230040

Previews

White Background



This preview shows how the Hex color 72FF00 looks on a white background.

Color Contrast Check

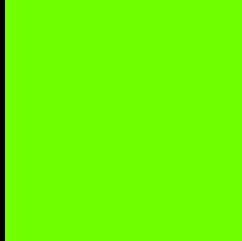
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 72FF00 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

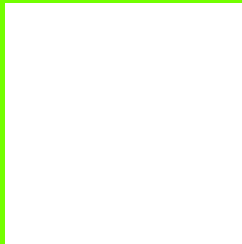
Any Text WCAG AAA ✓ Pass

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

Hex 72FF00 Background



This preview shows how black text looks on a background with the Hex color 72FF00.

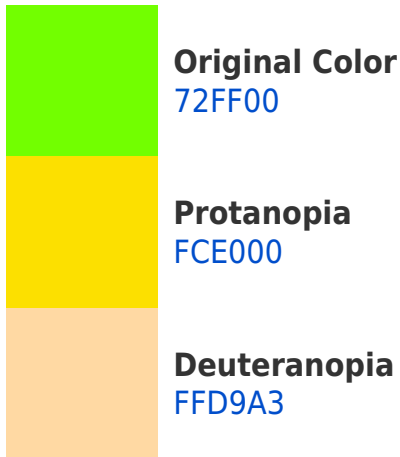


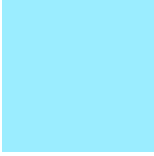
This preview shows how white text looks on a background with the Hex color 72FF00.

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](#).

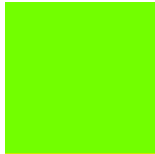
Dichromacy





Tritanopia
9BEDFF

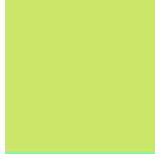
Trichromacy



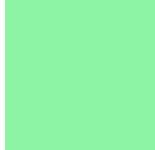
Original Color
72FF00



Protanomaly
CAEB00



Deuteranomaly
CCE768

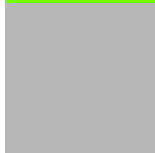


Tritanomaly
8CF4A2

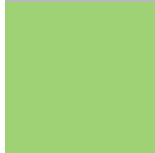
Monochromacy



Original Color
72FF00



Achromatopsia
B8B8B8



Achromatomaly
9FD275

CSS Examples

Text

The CSS property to change the color of the text to Hex 72FF00 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 #72FF00 looks like.

```
.text, #text, p{  
    color:#72FF00  
}
```

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 #72FF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72FF00
}
```

Border

The CSS property to change the border of an element to Hex 72FF00 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
#72FF00 }
```

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

```
.border{ border-color:#72FF00 }
```

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

Here you see how a box with a 4 pixel #72FF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72FF00; -webkit-box-shadow:4px 4px  
4px 4px #72FF00; box-shadow:4px 4px 4px  
4px #72FF00 }
```

Background

The CSS property to change the background color of an element to Hex 72FF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72FF00 }
```

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

```
.background{ background-color:#72FF00 }
```

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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