

# Converting Colors

Hex(72FF95)

Have a look what the booklet for  
Hex(72FF95) contains.

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**Color**

**Hex(72FF95)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72FF95
RGB	114, 255, 149
RGB Percent	45%, 100%, 58%
CMY	0.5529, 0.0000, 0.4157
CMYK	0.55, 0.00, 0.42, 0.00
HSL	135°, 100%, 72%
HSV	135°, 55%, 100%
XYZ	48.1242, 77.2673, 40.8114
YIQ	200.7570, -50.0100, -62.8580

# Conversions

## Conversions Part 2

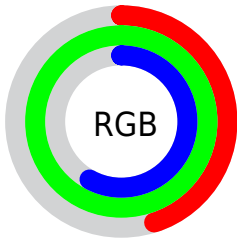
Format	Color
<a href="#">RYB</a>	<a href="#">114, 227, 255</a>
Decimal	<a href="#">7536533</a>
<a href="#">CIELab</a>	<a href="#">90.44, -60.30, 39.32</a>
<a href="#">CIElCh</a>	<a href="#">90, 71.987, 146.889</a>
<a href="#">Yxy</a>	<a href="#">77.2673, 0.2896, 0.4649</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4285726613 (0xFF72FF95)</a>
<a href="#">YUV</a>	<a href="#">200.7570, -25.5162, -76.0859</a>
<a href="#">Hunter-Lab</a>	<a href="#">87.9018, -56.1036, 34.0039</a>

# Details

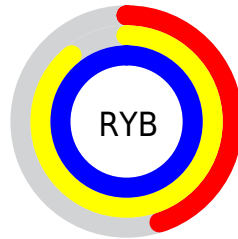
The Hex color **72FF95** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF72DC**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **AFFFC**, and **2CC561** is the 20% darker color. If you saturate the color by 10%, you get **59FF82**, and if you desaturate by 10%, it is **8CFFA8**.

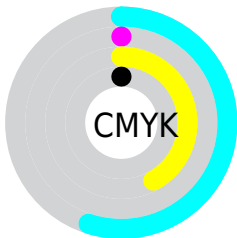
# Distribution



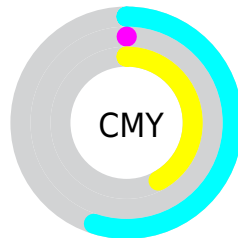
- Red (45%)
- Green (100%)
- Blue (58%)



- Red (45%)
- Yellow (89%)
- Blue (100%)



- Cyan (55%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (55%)
- Magenta (0%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72FF95 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 72FF95 by changing the saturation by 10% instead.



 72FF95

 72FF95

FFFFFF

 52E27A

 AFFFCC

 2CC561

 CDFFE9

 00A947

 ECFFFF

 008E2E

 007314

 005900

 004000

 002900

 000300

 72FF95

 72FF95

 59FF82

 8CFFA8

 3FFF6F


 A5FFBB

 25FF5B

 BFFFCF

 0CFF48

 D8FFE2

 00FF3F

 F2FFF5

FFFFFF

# Harmonies

## Analogous

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



CCF261



72FF95



00FFDA

# Triad

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



72FF95



04EDFF



FFACA9

# Complementary

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



72FF95



FF2DC

# 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.



FFA7EE



72FF95



DAD4FF

# Square

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



72FF95



00FEFF



FFB8FF



FFC471

# Rectangle

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



72FF95



00FFFF



FFB8FF



FFA8BF

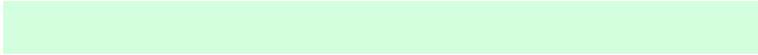


# Sweetspot

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



72FF95



D4FFDE



DEFF72



66806C



000000



808080



# Same Dimension

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



72FF95



57FF80



72FFD9



738076



00BF2F



004010



# Inverse Universe

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



FF72DC



FF57D5



FF7298



80737C



BF0090

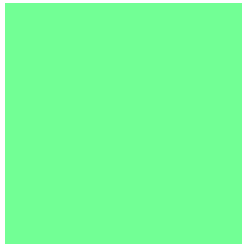


400030



# Previews

## White Background



This preview shows how the Hex color 72FF95 looks on a white background.

## Color Contrast Check

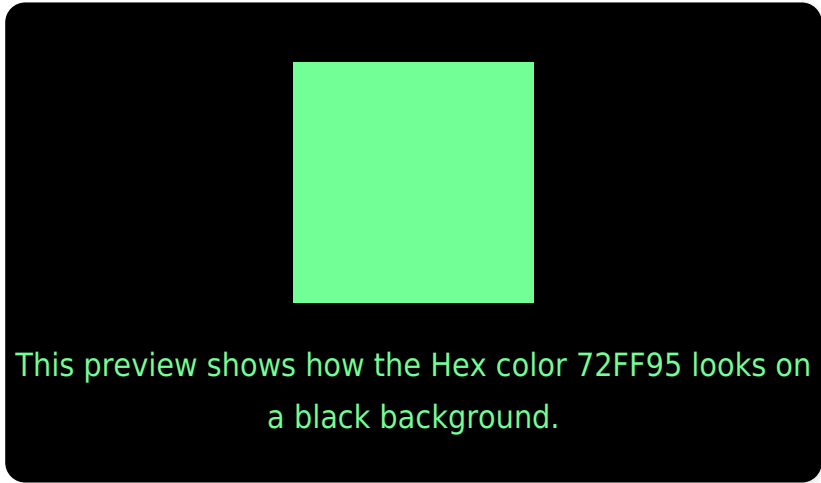
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

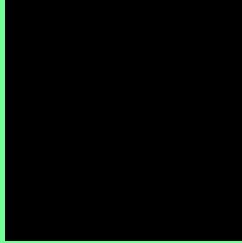
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72FF95 Background



This preview shows how black text looks on a background with the Hex color 72FF95.

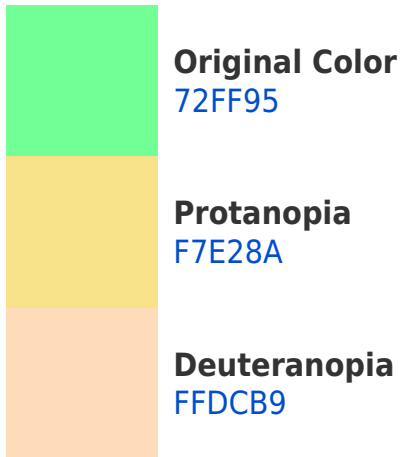


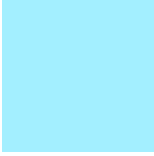
This preview shows how white text looks on a background with the Hex color 72FF95.

# 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**  
A3EFFF

# Trichromacy



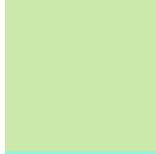
**Original Color**

72FF95



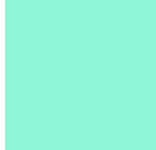
**Protanomaly**

C7ED8E



**Deuteranomaly**

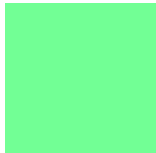
CCE9AC



**Tritanomaly**

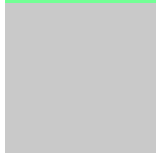
91F5D8

# Monochromacy



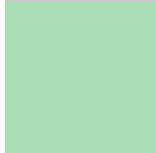
**Original Color**

72FF95



**Achromatopsia**

C9C9C9



**Achromatomaly**

A9DDB6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72FF95 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 #72FF95 looks like.

```
.text, #text, p{  
    color:#72FF95  
}
```

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 #72FF95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72FF95
}
```

## Border

The CSS property to change the border of an element to Hex 72FF95 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
#72FF95 }
```

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

```
.border{ border-color:#72FF95 }
```

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

Here you see how a box with a 4 pixel #72FF95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72FF95; -webkit-box-shadow:4px 4px  
4px 4px #72FF95; box-shadow:4px 4px 4px  
4px #72FF95 }
```

# Background

The CSS property to change the background color of an element to Hex 72FF95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72FF95 }
```

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

```
.background{ background-color:#72FF95 }
```

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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