

Converting Colors

Hex(78FF95)

Have a look what the booklet for
Hex(78FF95) contains.

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Color

Hex(78FF95)

Conversions

Conversions Part 1

Format	Color
Hex	78FF95
RGB	120, 255, 149
RGB Percent	47%, 100%, 58%
CMY	0.5294, 0.0000, 0.4157
CMYK	0.53, 0.00, 0.42, 0.00
HSL	133°, 100%, 74%
HSV	133°, 53%, 100%
XYZ	48.9305, 77.6830, 40.8492
YIQ	202.5510, -46.4340, -61.5860

Conversions

Conversions Part 2

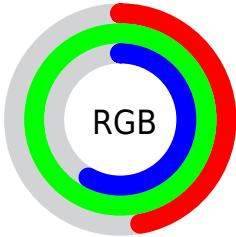
Format	Color
RYB	120, 231, 255
Decimal	7929749
CIELab	90.64, -58.91, 39.61
CIELCh	91, 70.983, 146.083
Yxy	77.6830, 0.2922, 0.4639
Android (android.graphics.Color)	4286119829 (0xFF78FF95)
YUV	202.5510, -26.4006, -72.3972
Hunter-Lab	88.1380, -55.1456, 34.2175

Details

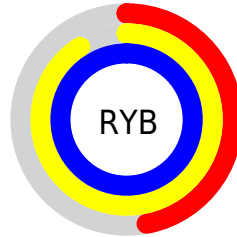
The Hex color **78FF95** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF78E2**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **B4FFCC**, and **36C561** is the 20% darker color. If you saturate the color by 10%, you get **5FFF81**, and if you desaturate by 10%, it is **92FFA9**.

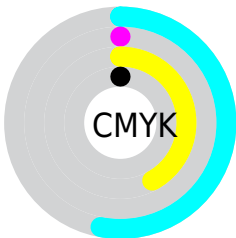
Distribution



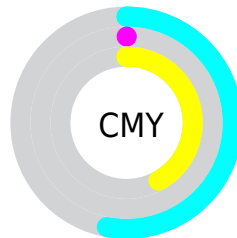
- Red (47%)
- Green (100%)
- Blue (58%)



- Red (47%)
- Yellow (91%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (53%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78FF95 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 78FF95 by changing the saturation by 10% instead.

 78FF95

FFFFFF

 B4FFCC

 D2FFE9

 F1FFFF

 78FF95

 59E27A

 36C561

 00A947

 008E2E


 007314

 005A00

 004000

 002A00

 000400

 78FF95

 78FF95

 5FFF81

 92FFA9

 45FF6D

 ABFFBD

 2CFF59

 C4FFD1

 12FF45

 DEFFE5

 00FF37

 F8FFF9

FFFFFF

Harmonies

Analogous

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



CFF263



78FF95



00FFD9

Triad

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



78FF95



09EEFF



FFAEAC

Complementary

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



78FF95



FF78E2

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.



FFA9F0



78FF95



D8D6FF

Square

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



78FF95



00FEFF



FFBAFF



FFC474

Rectangle

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



78FF95



00FFFF



FFBAFF



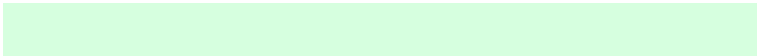
FFA9C2

Sweetspot

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



78FF95



D6FFDF



E4FF78



67806C



000000



808080

Same Dimension

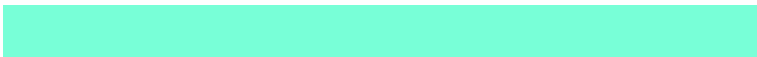
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78FF95



5CFF7F



78FFD7



738075



00BF29



00400E

Inverse Universe

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



FF78E2



FF5CDC



FF78A1



80737D



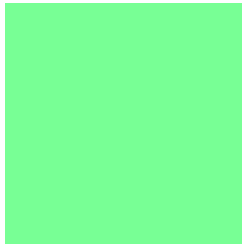
BF0096



400032

Previews

White Background



This preview shows how the Hex color 78FF95 looks on a white background.

Color Contrast Check

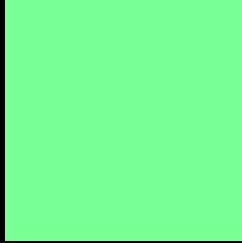
Large Text (above 18pt) WCAG AA × Fail

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 78FF95 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 78FF95 Background



This preview shows how black text looks on a background with the Hex color 78FF95.

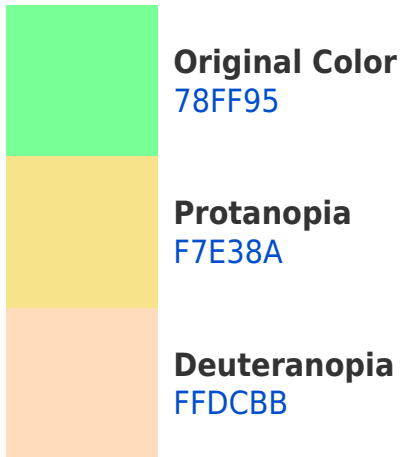


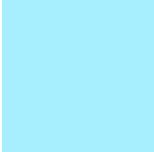
This preview shows how white text looks on a background with the Hex color 78FF95.

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
A7EFFF

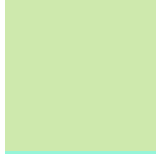
Trichromacy



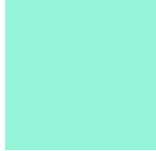
Original Color
78FF95



Protanomaly
C9ED8E

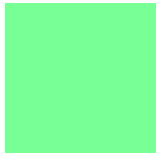


Deuteranomaly
CEE9AD

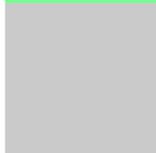


Tritanomaly
96F5D8

Monochromacy



Original Color
78FF95



Achromatopsia
CBCBCB



Achromatomaly
ADDEB7

CSS Examples

Text

The CSS property to change the color of the text to Hex 78FF95 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 #78FF95 looks like.

```
.text, #text, p{  
    color:#78FF95  
}
```

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 #78FF95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78FF95
}
```

Border

The CSS property to change the border of an element to Hex 78FF95 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
#78FF95 }
```

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

```
.border{ border-color:#78FF95 }
```

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

Here you see how a box with a 4 pixel #78FF95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78FF95; -webkit-box-shadow:4px 4px  
4px 4px #78FF95; box-shadow:4px 4px 4px  
4px #78FF95 }
```

Background

The CSS property to change the background color of an element to Hex 78FF95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78FF95 }
```

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

```
.background{ background-color:#78FF95 }
```

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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