

Converting Colors

Hex(76FF90)

Have a look what the booklet for
Hex(76FF90) contains.

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Color

Hex(76FF90)

Conversions

Conversions Part 1

Format	Color
Hex	76FF90
RGB	118, 255, 144
RGB Percent	46%, 100%, 56%
CMY	0.5373, 0.0000, 0.4353
CMYK	0.54, 0.00, 0.44, 0.00
HSL	131°, 100%, 73%
HSV	131°, 54%, 100%
XYZ	48.2653, 77.3852, 38.7785
YIQ	201.3830, -46.0210, -63.5650

Conversions

Conversions Part 2

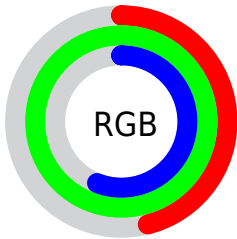
Format	Color
RYB	118, 233, 255
Decimal	7798672
CIELab	90.50, -60.14, 41.85
CIELCh	90, 73.270, 145.166
Yxy	77.3852, 0.2935, 0.4706
Android (android.graphics.Color)	4285988752 (0xFF76FF90)
YUV	201.3830, -28.2898, -73.1269
Hunter-Lab	87.9688, -56.0091, 35.4419

Details

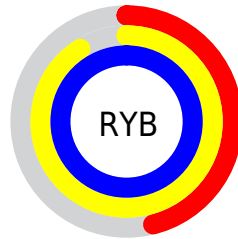
The Hex color **76FF90** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF76E5**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **B3FFC7**, and **32C55C** is the 20% darker color. If you saturate the color by 10%, you get **5DFF7B**, and if you desaturate by 10%, it is **90FFA5**.

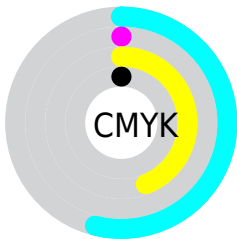
Distribution



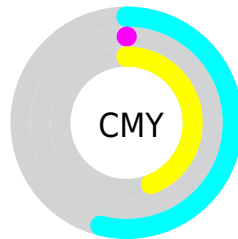
- Red (46%)
- Green (100%)
- Blue (56%)



- Red (46%)
- Yellow (91%)
- Blue (100%)



- Cyan (54%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)



- Cyan (54%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76FF90 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 76FF90 by changing the saturation by 10% instead.

 76FF90

 76FF90

FFFFFF

 56E275

 B3FFC7

 32C55C

 D1FFE4

 00A942

 EFFFFFF

 008E29

 00730C

 005900

 004000

 002900

 000300

 76FF90

 76FF90

 5DFF7B

 90FFA5

 43FF67

 A9FFB9

 2AFF52

 C3FFCE

 10FF3D

 DCFFE3

 00FF30

 F6FFF7

FFFFFF

Harmonies

Analogous

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



D0F15C



76FF90



00FFD6

Triad

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



76FF90



00EFFF



FFAAAC

Complementary

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



76FF90



FF76E5

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.



FFA6F2



76FF90



D3D6FF

Square

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



76FF90



00FFFF



FFB9FF



FFC171

Rectangle

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



76FF90



00FFFF



FFB9FF



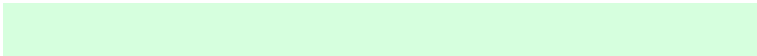
FFA6C3

Sweetspot

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



76FF90



D6FFDE



E6FF76



67806C



000000



808080

Same Dimension

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



76FF90



5CFF7B



76FFD4



738075



00BF24



00400C

Inverse Universe

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



FF76E5



FF5CE0



FF76A1



80737D



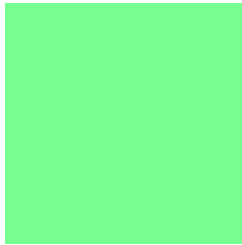
BF009B



400034

Previews

White Background



This preview shows how the Hex color 76FF90 looks on a white background.

Color Contrast Check

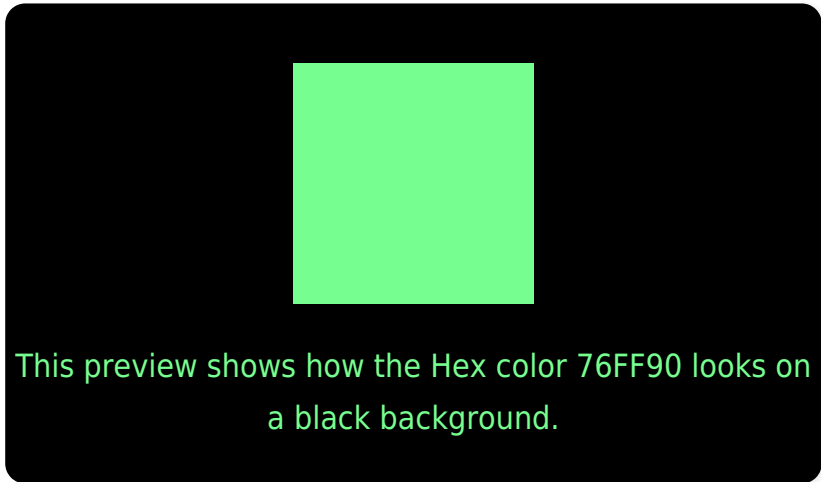
Large Text (above 18pt) WCAG AA × Fail

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

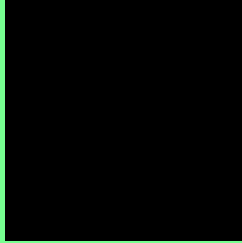
Any Text WCAG AA ✓ Pass

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 76FF90 Background



This preview shows how black text looks on a background with the Hex color 76FF90.

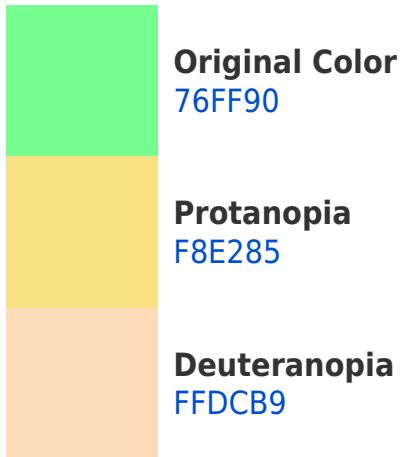


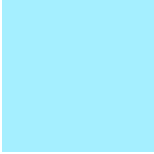
This preview shows how white text looks on a background with the Hex color 76FF90.

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



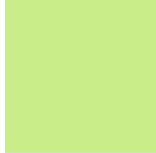


Tritanopia
A5EFFF

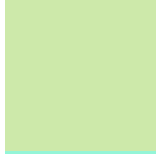
Trichromacy



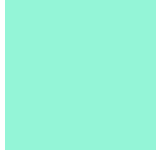
Original Color
76FF90



Protanomaly
C9ED89

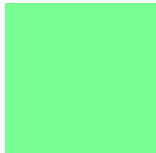


Deuteranomaly
CDE9AA

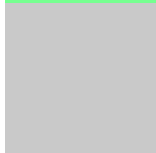


Tritanomaly
94F5D7

Monochromacy



Original Color
76FF90



Achromatopsia
C9C9C9



Achromatomaly
ABDDB4

CSS Examples

Text

The CSS property to change the color of the text to Hex 76FF90 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 #76FF90 looks like.

```
.text, #text, p{  
    color:#76FF90  
}
```

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 #76FF90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76FF90
}
```

Border

The CSS property to change the border of an element to Hex 76FF90 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
#76FF90 }
```

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

```
.border{ border-color:#76FF90 }
```

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

Here you see how a box with a 4 pixel #76FF90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76FF90; -webkit-box-shadow:4px 4px  
4px 4px #76FF90; box-shadow:4px 4px 4px  
4px #76FF90 }
```

Background

The CSS property to change the background color of an element to Hex 76FF90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76FF90 }
```

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

```
.background{ background-color:#76FF90 }
```

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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