

Converting Colors

Hex(74F963)

Have a look what the booklet for
Hex(74F963) contains.

Hex(74F963)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(74F963)

Conversions

Conversions Part 1

Format	Color
Hex	74F963
RGB	116, 249, 99
RGB Percent	45%, 98%, 39%
CMY	0.5451, 0.0235, 0.6118
CMYK	0.53, 0.00, 0.60, 0.02
HSL	113°, 93%, 68%
HSV	113°, 60%, 98%
XYZ	43.3303, 72.3652, 23.4885
YIQ	192.1330, -31.1180, -74.8460

Conversions

Conversions Part 2

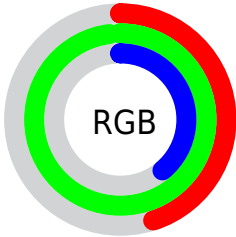
Format	Color
RYB	99, 249, 232
Decimal	7666019
CIELab	88.14, -64.08, 59.61
CIELCh	88, 87.519, 137.070
Yxy	72.3652, 0.3113, 0.5199
Android (android.graphics.Color)	4285856099 (0xFF74F963)
YUV	192.1330, -45.9146, -66.7686
Hunter-Lab	85.0677, -57.9475, 43.1765

Details

The Hex color **74F963** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **E863F9**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **B1FF9A**, and **2EBF2A** is the 20% darker color. If you saturate the color by 10%, you get **5EF94A**, and if you desaturate by 10%, it is **8AF97C**.

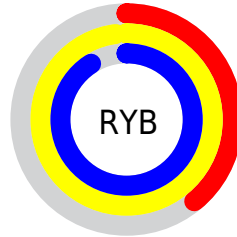
Distribution



Red (45%)

Green (98%)

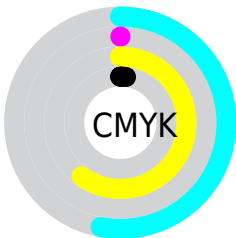
Blue (39%)



Red (39%)

Yellow (98%)

Blue (91%)

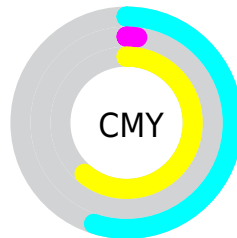


Cyan (53%)

Magenta (0%)

Yellow (60%)

Black (2%)



Cyan (55%)

Magenta (2%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74F963 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 74F963 by changing the saturation by 10% instead.

 74F963

 74F963

FFFFFF

 54DC47


 B1FF9A

 2EBF2A

 D0FFB6

 00A300

 EEFFD3

 008800

 FFFFF0

 006E00

 005400

 003C00

 002300

 000000

 74F963

 74F963

 5EF94A

 8AF97C

 48F931

 A0F995

 32F918

 B6F9AE

 1CF900

 CCF9C7

 E2F9E0

 F8F9F8

 FFF9FF

Harmonies

Analogous

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



D9E81C



74F963



00FFB5

Triad

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



74F963



00F1FF



FF8DB1

Complementary

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



74F963



E863F9

Split Complementary

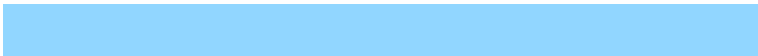
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF90FF



74F963



91D6FF

Square

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



74F963



00FFFF



FFB1FF



FFA965

Rectangle

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



74F963



00FFEF



FFB1FF



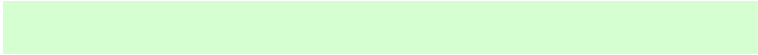
FF89CD

Sweetspot

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



74F963



D6FFD1



F9E863



678063



000000



808080

Same Dimension

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



74F963



5CFF47



63F99D



727D70



15BD00



073D00

Inverse Universe

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



E863F9



EA47FF



F963BF



7C707D



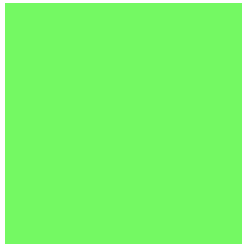
A700BD



36003D

Previews

White Background



This preview shows how the Hex color 74F963 looks on a white background.

Color Contrast Check

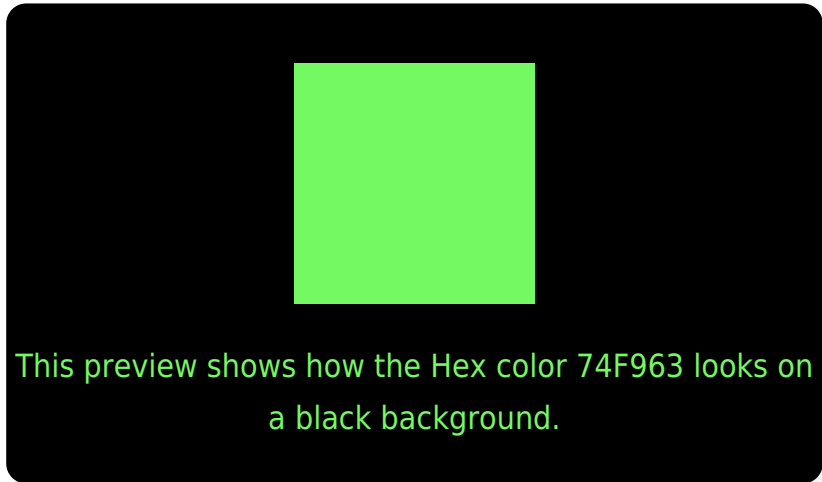
Large Text (above 18pt) WCAG AA × Fail

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

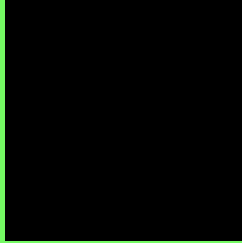
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

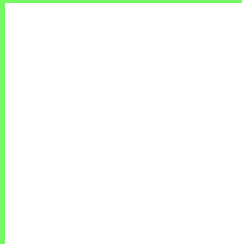
Any Text WCAG AAA ✓ Pass

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

Hex 74F963 Background



This preview shows how black text looks on a background with the Hex color 74F963.

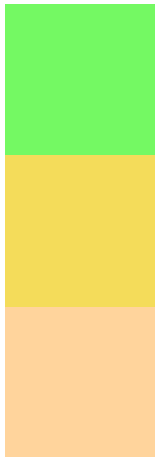


This preview shows how white text looks on a background with the Hex color 74F963.

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](#).

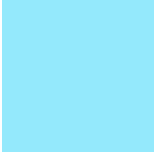
Dichromacy



Original Color
74F963

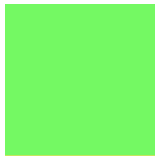
Protanopia
F4DC5A

Deuteranopia
FFD49C



Tritanopia
94E9FC

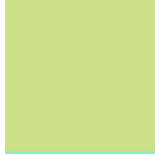
Trichromacy



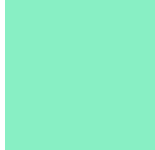
Original Color
74F963



Protanomaly
C5E75D



Deuteranomaly
CCE187

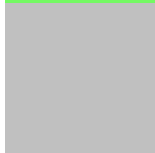


Tritanomaly
88EFC4

Monochromacy



Original Color
74F963



Achromatopsia
C0C0C0



Achromatomaly
A4D59E

CSS Examples

Text

The CSS property to change the color of the text to Hex 74F963 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 #74F963 looks like.

```
.text, #text, p{  
    color:#74F963  
}
```

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 #74F963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74F963
}
```

Border

The CSS property to change the border of an element to Hex 74F963 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
#74F963 }
```

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

```
.border{ border-color:#74F963 }
```

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

Here you see how a box with a 4 pixel #74F963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74F963; -webkit-box-shadow:4px 4px  
4px 4px #74F963; box-shadow:4px 4px 4px  
4px #74F963 }
```

Background

The CSS property to change the background color of an element to Hex 74F963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74F963 }
```

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

```
.background{ background-color:#74F963 }
```

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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