

# Converting Colors

Hex(74E593)

Have a look what the booklet for  
Hex(74E593) contains.

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**Color**

**Hex(74E593)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74E593
RGB	116, 229, 147
RGB Percent	45%, 90%, 58%
CMY	0.5451, 0.1020, 0.4235
CMYK	0.49, 0.00, 0.36, 0.10
HSL	136°, 68%, 68%
HSV	136°, 49%, 90%
XYZ	40.4882, 61.8582, 37.4096
YIQ	185.8650, -41.0260, -49.4580

# Conversions

## Conversions Part 2

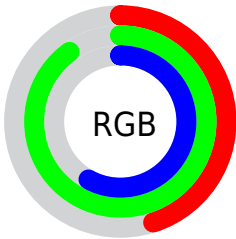
Format	Color
<a href="#">RYB</a>	<a href="#">116, 205, 229</a>
Decimal	<a href="#">7660947</a>
CIELab	<a href="#">82.84, -49.81, 30.33</a>
CIElCh	<a href="#">83, 58.321, 148.662</a>
Yxy	<a href="#">61.8582, 0.2897, 0.4426</a>
Android (android.graphics.Color)	<a href="#">4285851027 (0xFF74E593)</a>
YUV	<a href="#">185.8650, -19.1604, -61.2716</a>
Hunter-Lab	<a href="#">78.6500, -45.7475, 26.8539</a>

# Details

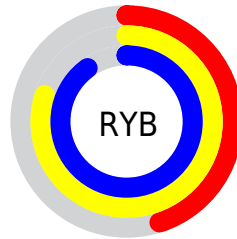
The Hex color **74E593** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E574C6**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **AEFFCA**, and **37AD5F** is the 20% darker color. If you saturate the color by 10%, you get **5DE582**, and if you desaturate by 10%, it is **8BE5A4**.

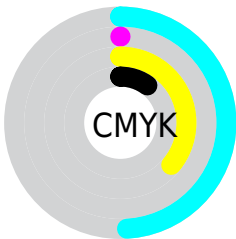
# Distribution



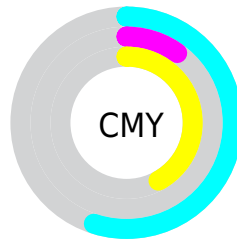
- Red (45%)
- Green (90%)
- Blue (58%)



- Red (45%)
- Yellow (80%)
- Blue (90%)



- Cyan (49%)
- Magenta (0%)
- Yellow (36%)
- Black (10%)



- Cyan (55%)
- Magenta (10%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74E593 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 74E593 by changing the saturation by 10% instead.



 74E593

 74E593

FFFFFF

 57C879

 AEFFCA

 37AD5F

 CBFFE6

 099147

 E9FFFF

 00772F

 005D18

 004500

 002E00

 001200

 000000

 74E593

 74E593

 5DE582

 8BE5A4

 46E572

 A2E5B4

 2FE561

 B9E5C5

 18E551

 D0E5D5

 01E540

 E6E5E6

 00E53F

 FDE5F7

 FFE5FF

# Harmonies

## Analogous

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



BADB6A



74E593



00EACA

# Triad

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



74E593



63D5FF



FFA59D

# Complementary

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



74E593



E574C6

# 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.



FFA0D3



74E593



CEC1FF

# Square

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



74E593



00E2FF



FFACFF



FFB671

# Rectangle

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



74E593



00EAF0



FFACFF



FFA1AE

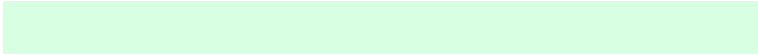


# Sweetspot

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



74E593



D9FFE3



C7E574



69806F



000000



808080



# Same Dimension

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



74E593



69FF92



74E5CB



67736A



00B331



00330E



# Inverse Universe

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



E574C6



FF69D6



E5748E



736770



B30082

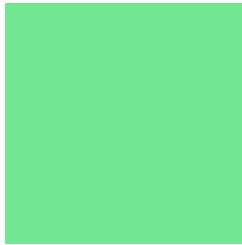


330025



# Previews

## White Background



This preview shows how the Hex color 74E593 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 74E593 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

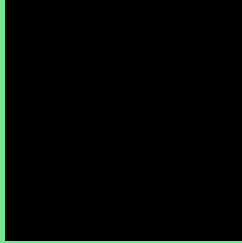
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 74E593 Background



This preview shows how black text looks on a background with the Hex color 74E593.

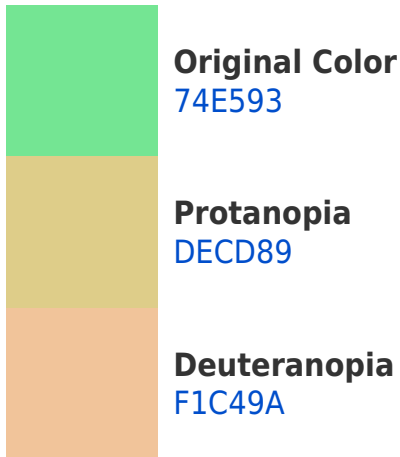


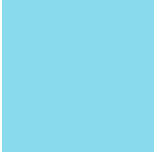
This preview shows how white text looks on a background with the Hex color 74E593.

# 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





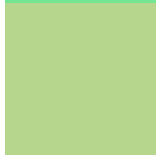
**Tritanopia**  
89DAEC

# Trichromacy



**Original Color**

74E593



**Protanomaly**

B7D68D



**Deuteranomaly**

C4D097



**Tritanomaly**

81DECC

# Monochromacy



**Original Color**

74E593



**Achromatopsia**

BABABA



**Achromatomaly**

A1CAAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74E593 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 #74E593 looks like.

```
.text, #text, p{  
    color:#74E593  
}
```

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 #74E593 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74E593
}
```

## Border

The CSS property to change the border of an element to Hex 74E593 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
#74E593 }
```

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

```
.border{ border-color:#74E593 }
```

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

Here you see how a box with a 4 pixel #74E593 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74E593; -webkit-box-shadow:4px 4px  
4px 4px #74E593; box-shadow:4px 4px 4px  
4px #74E593 }
```

# Background

The CSS property to change the background color of an element to Hex 74E593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74E593 }
```

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

```
.background{ background-color:#74E593 }
```

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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