

Converting Colors

Hex(47E594)

Have a look what the booklet for
Hex(47E594) contains.

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Color

Hex(47E594)

Conversions

Conversions Part 1

Format	Color
Hex	47E594
RGB	71, 229, 148
RGB Percent	28%, 90%, 58%
CMY	0.7216, 0.1020, 0.4196
CMYK	0.69, 0.00, 0.35, 0.10
HSL	149°, 75%, 59%
HSV	149°, 69%, 90%
XYZ	35.9631, 59.5163, 37.6093
YIQ	172.5240, -68.1670, -58.6870

Conversions

Conversions Part 2

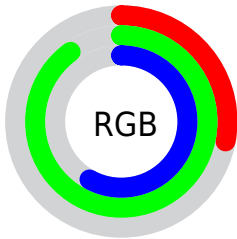
Format	Color
RYB	71, 177, 229
Decimal	4711828
CIELab	81.57, -58.94, 27.90
CIELCh	82, 65.212, 154.665
Yxy	59.5163, 0.2702, 0.4472
Android (android.graphics.Color)	4282901908 (0xFF47E594)
YUV	172.5240, -12.0903, -89.0365
Hunter-Lab	77.1468, -51.7965, 25.0987

Details

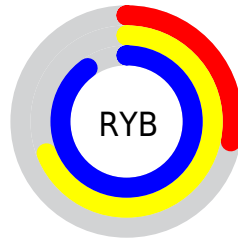
The Hex color **47E594** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **E54798**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **89FFCB**, and **00AC61** is the 20% darker color. If you saturate the color by 10%, you get **30E588**, and if you desaturate by 10%, it is **5EE5A0**.

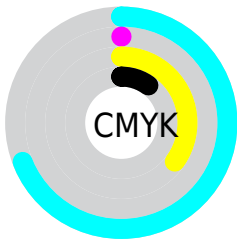
Distribution



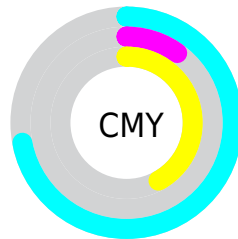
- Red (28%)
- Green (90%)
- Blue (58%)



- Red (28%)
- Yellow (69%)
- Blue (90%)



- Cyan (69%)
- Magenta (0%)
- Yellow (35%)
- Black (10%)



- Cyan (72%)
- Magenta (10%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Hex color 47E594 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 47E594 by changing the saturation by 10% instead.

 47E594

 47E594

FFFFFF

 17C87A

 89FFCB

 00AC61

 A8FFE7

 009148

 C6FFFF

 007631

 E5FFFF

 005C1A

 004301

 002C00

 000B00

 000000

 47E594

 47E594

 30E588

 5EE5A0

 19E57D

 75E5AB

 02E571

 8CE5B7

 00E570

 A3E5C3

 B9E5CF

 D0E5DA

 E7E5E6

 FEE5F2

 FFE5FE

Harmonies

Analogous

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



A4DB61



47E594



00E9D3

Triad

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



47E594



64CEFF



FF9E89

Complementary

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



47E594



E54798

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.



FF94C4



47E594



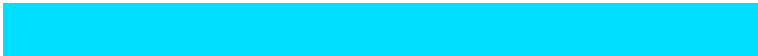
DBB7FF

Square

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



47E594



00DFFF



FF9FFF



FFB45B

Rectangle

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



47E594



00E9FC



FF9FFF



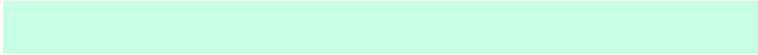
FF999B

Sweetspot

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



47E594



C9FFE4



99E547



60806F



000000



808080

Same Dimension

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



47E594



2BFF92



47E5E2



67736D



00B357



003319

Inverse Universe

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



E54798



FF2B98



E5474A



73676D



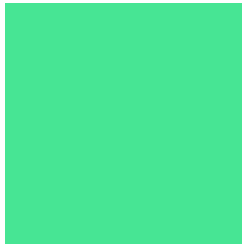
B3005C



33001A

Previews

White Background



This preview shows how the Hex color 47E594 looks on a white background.

Color Contrast Check

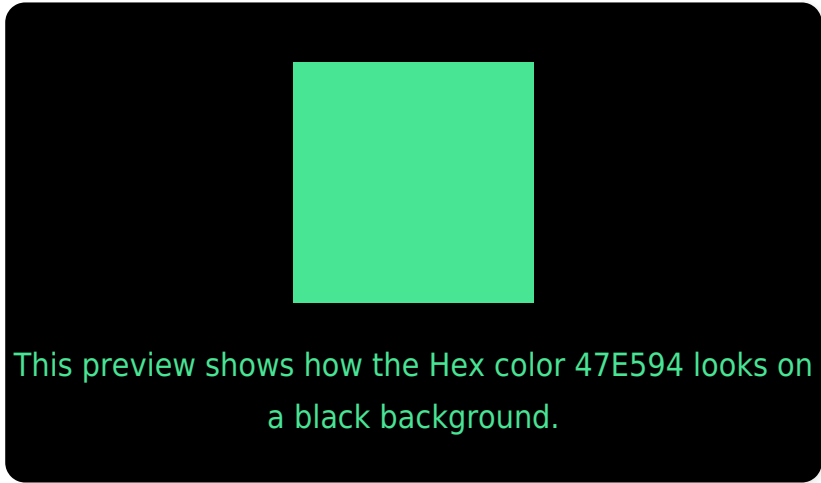
Large Text (above 18pt) WCAG AA × Fail

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

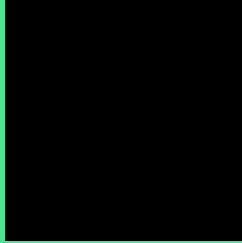
Any Text WCAG AA ✓ Pass

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 47E594 Background



This preview shows how black text looks on a background with the Hex color 47E594.

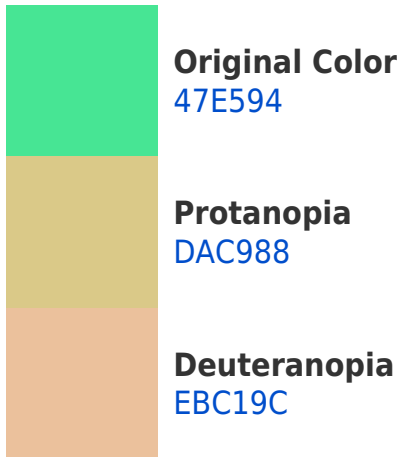


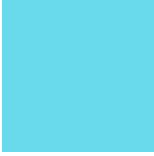
This preview shows how white text looks on a background with the Hex color 47E594.

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
68DAEC

Trichromacy



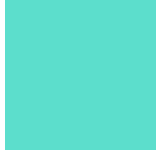
Original Color
47E594



Protanomaly
A5D38C



Deuteranomaly
AFCE99

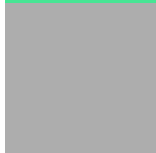


Tritanomaly
5CDECC

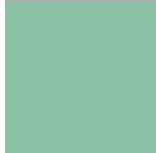
Monochromacy



Original Color
47E594



Achromatopsia
ADADAD



Achromatomaly
88C1A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 47E594 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 #47E594 looks like.

```
.text, #text, p{  
    color:#47E594  
}
```

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 #47E594 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47E594
}
```

Border

The CSS property to change the border of an element to Hex 47E594 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
#47E594 }
```

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

```
.border{ border-color:#47E594 }
```

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

Here you see how a box with a 4 pixel #47E594 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47E594; -webkit-box-shadow:4px 4px  
4px 4px #47E594; box-shadow:4px 4px 4px  
4px #47E594 }
```

Background

The CSS property to change the background color of an element to Hex 47E594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47E594 }
```

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

```
.background{ background-color:#47E594 }
```

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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