

Converting Colors

Hex(67E495)

Have a look what the booklet for
Hex(67E495) contains.

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Color

Hex(67E495)

Conversions

Conversions Part 1

Format	Color
Hex	67E495
RGB	103, 228, 149
RGB Percent	40%, 89%, 58%
CMY	0.5961, 0.1059, 0.4157
CMYK	0.55, 0.00, 0.35, 0.11
HSL	142°, 70%, 65%
HSV	142°, 55%, 89%
XYZ	38.7617, 60.5403, 38.0763
YIQ	181.6190, -49.1410, -51.0690

Conversions

Conversions Part 2

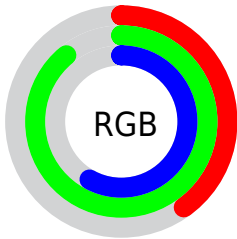
Format	Color
RYB	103, 194, 228
Decimal	6808725
CIELab	82.13, -52.19, 28.29
CIELCh	82, 59.363, 151.544
Yxy	60.5403, 0.2822, 0.4407
Android (android.graphics.Color)	4284998805 (0xFF67E495)
YUV	181.6190, -16.0812, -68.9489
Hunter-Lab	77.8076, -47.2393, 25.4510

Details

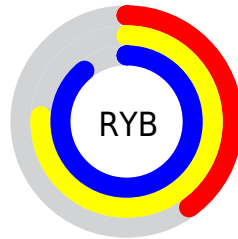
The Hex color **67E495** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E467B6**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **A2FFCC**, and **22AC61** is the 20% darker color. If you saturate the color by 10%, you get **50E487**, and if you desaturate by 10%, it is **7EE4A3**.

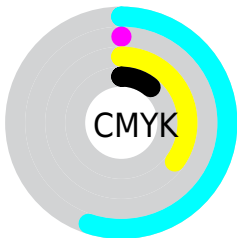
Distribution



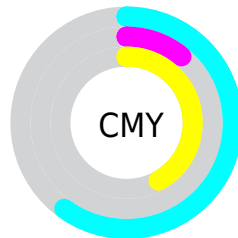
- Red (40%)
- Green (89%)
- Blue (58%)



- Red (40%)
- Yellow (76%)
- Blue (89%)



- Cyan (55%)
- Magenta (0%)
- Yellow (35%)
- Black (11%)



- Cyan (60%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67E495 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 67E495 by changing the saturation by 10% instead.

 67E495

 67E495

FFFFFF

 48C77B

 A2FFCC

 22AC61

 C0FFE8

 009049

 DDFFFF

 007631

 FCFFFF

 005C1A

 004302

 002D00

 000E00

 000000

 67E495

 67E495

 50E487

 7EE4A3

 39E478

 95E4B2

 23E46A

 ABE4C0

 0CE45B

 C2E4CF

 00E454

 D9E4DD

 F0E4EB

 FFE4FA

 FFE4FF

Harmonies

Analogous

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



B1DA69



67E495



00E8CD

Triad

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



67E495



6AD1FF



FFA395

Complementary

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



67E495



E467B6

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.



FF9DCC



67E495



D4BDFF

Square

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



67E495



00E0FF



FFA7FF



FFB66B

Rectangle

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



67E495



00E8F3



FFA7FF



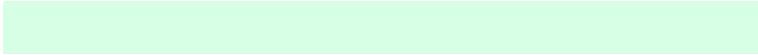
FF9FA6

Sweetspot

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



67E495



D6FFE5



B6E467



678070



000000



808080

Same Dimension

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



67E495



57FF95



67E4D3



67736B



00B342



003313

Inverse Universe

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



E467B6



FF57C1



E46778



73676F



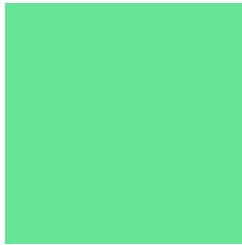
B30071



330020

Previews

White Background



This preview shows how the Hex color 67E495 looks on a white background.

Color Contrast Check

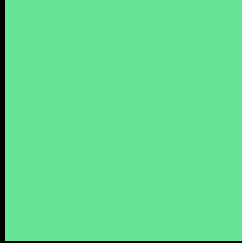
Large Text (above 18pt) WCAG AA × Fail

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 67E495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

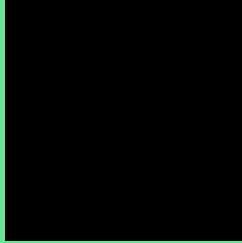
Any Text WCAG AA ✓ Pass

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 67E495 Background



This preview shows how black text looks on a background with the Hex color 67E495.

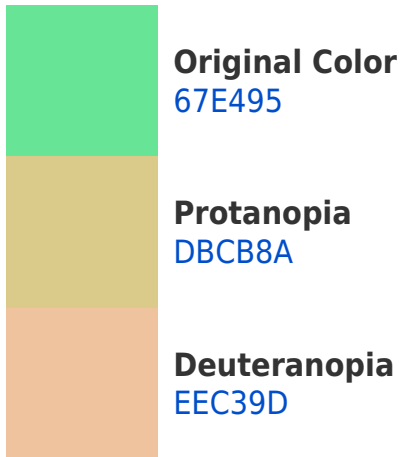


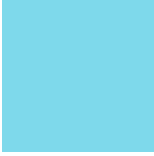
This preview shows how white text looks on a background with the Hex color 67E495.

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
7ED9EB

Trichromacy



Original Color
67E495



Protanomaly
B1D48E



Deuteranomaly
BDCF9A



Tritanomaly
76DDCC

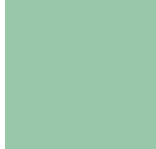
Monochromacy



Original Color
67E495



Achromatopsia
B6B6B6



Achromatomaly
99C7AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 67E495 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 #67E495 looks like.

```
.text, #text, p{  
    color:#67E495  
}
```

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 #67E495 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67E495  
}
```

Border

The CSS property to change the border of an element to Hex 67E495 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  
#67E495 }
```

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

```
.border{ border-color:#67E495 }
```

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

Here you see how a box with a 4 pixel #67E495 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67E495; -webkit-box-shadow:4px 4px  
4px 4px #67E495; box-shadow:4px 4px 4px  
4px #67E495 }
```

Background

The CSS property to change the background color of an element to Hex 67E495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67E495 }
```

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

```
.background{ background-color:#67E495 }
```

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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