

Converting Colors

Hex(63F495)

Have a look what the booklet for
Hex(63F495) contains.

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Color

Hex(63F495)

Conversions

Conversions Part 1

Format	Color
Hex	63F495
RGB	99, 244, 149
RGB Percent	39%, 96%, 58%
CMY	0.6118, 0.0431, 0.4157
CMYK	0.59, 0.00, 0.39, 0.04
HSL	141°, 87%, 67%
HSV	141°, 59%, 96%
XYZ	42.9211, 69.5239, 39.5911
YIQ	189.8150, -55.9250, -60.2850

Conversions

Conversions Part 2

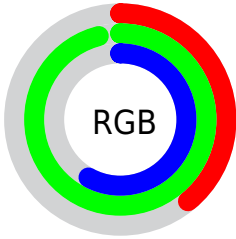
Format	Color
R_{YB}	99, 207, 244
Decimal	6550677
CIE _{Lab}	86.76, -59.34, 34.43
CIE _{LCh}	87, 68.605, 149.879
Yxy	69.5239, 0.2823, 0.4573
Android (android.graphics.Color)	4284740757 (0xFF63F495)
YUV	189.8150, -20.1218, -79.6448
Hunter-Lab	83.3810, -54.0324, 30.2146

Details

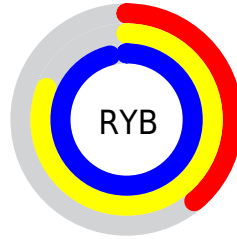
The Hex color **63F495** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F463C2**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **A1FFCC**, and **0CBB61** is the 20% darker color. If you saturate the color by 10%, you get **4BF485**, and if you desaturate by 10%, it is **7BF4A5**.

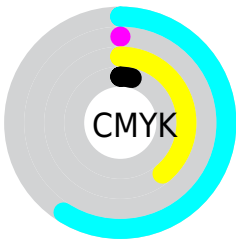
Distribution



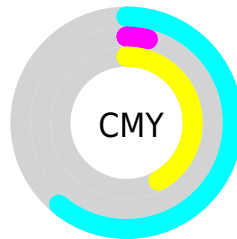
- Red (39%)
- Green (96%)
- Blue (58%)



- Red (39%)
- Yellow (81%)
- Blue (96%)



- Cyan (59%)
- Magenta (0%)
- Yellow (39%)
- Black (4%)



- Cyan (61%)
- Magenta (4%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63F495 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 63F495 by changing the saturation by 10% instead.

 63F495

 63F495


FFFFFF

 41D77B

 A1FFCC

 0CBB61

 BFFFE8

 009F48

 DDFFFF

 008430

 FCFFFF

 006917

 005000

 003800

 001F00

 000000

 63F495

 63F495

 4BF485

 7BF4A5

 32F475

 94F4B5

 1AF465

 ACF4C5

 01F455

 C5F4D5

 00F454

 DDF4E5

 F5F4F5

 FFF4FF

Harmonies

Analogous

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



BCE862



63F495



00F9D7

Triad

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



63F495



47E0FF



FFA79C

Complementary

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



63F495



F463C2

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.



FFA0DC



63F495



DBC8FF

Square

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



63F495



00F1FF



FFAEFF



FFBE68

Rectangle

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



63F495



00F9FF



FFAEFF



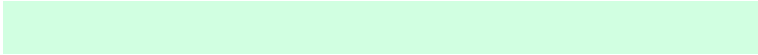
FFA2B1

Sweetspot

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



63F495



D1FFE1



C4F463



63806D



000000



808080

Same Dimension

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



63F495



4AFF88



63F4DC



6E7A72



00BA40



003B14

Inverse Universe

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



F463C2



FF4AC1



F4637B



7A6E76



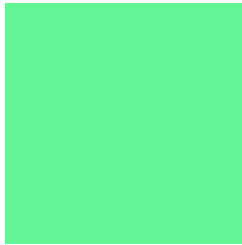
BA007A



3B0026

Previews

White Background



This preview shows how the Hex color 63F495 looks on a white background.

Color Contrast Check

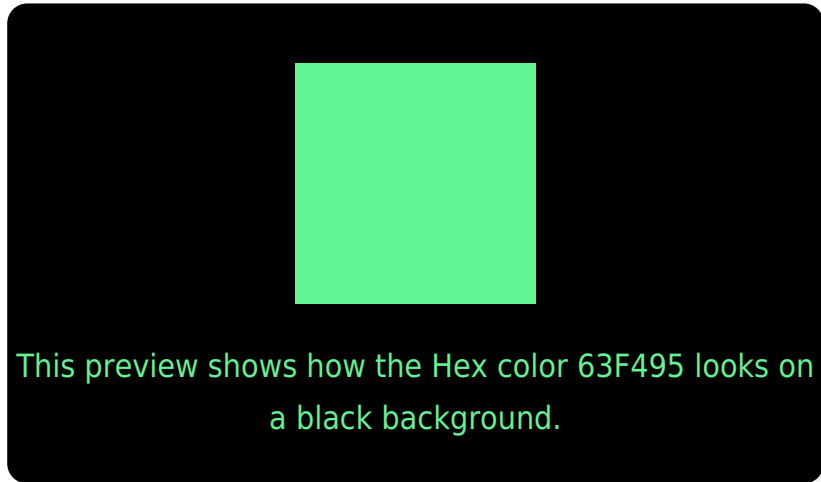
Large Text (above 18pt) WCAG AA × Fail

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

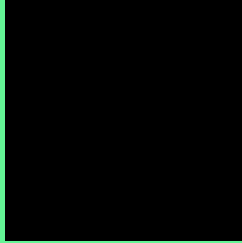
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

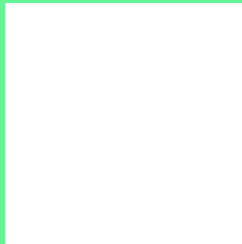
Any Text WCAG AAA ✓ Pass

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

Hex 63F495 Background



This preview shows how black text looks on a background with the Hex color 63F495.

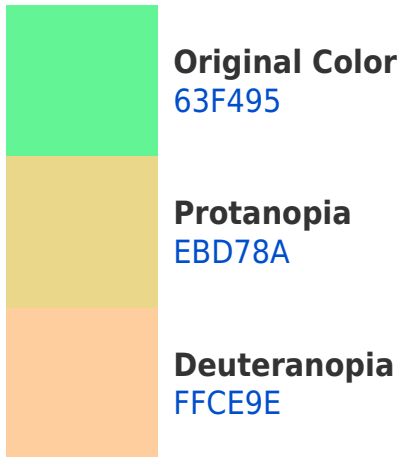


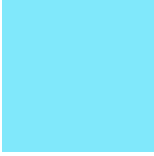
This preview shows how white text looks on a background with the Hex color 63F495.

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
80E8FB

Trichromacy



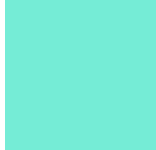
Original Color
63F495



Protanomaly
BAE28E



Deuteranomaly
C6DC9B

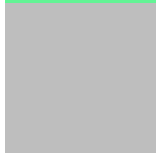


Tritanomaly
75ECD6

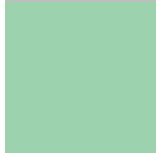
Monochromacy



Original Color
63F495



Achromatopsia
BEBEBE



Achromatomaly
9DD2AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 63F495 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 #63F495 looks like.

```
.text, #text, p{  
    color:#63F495  
}
```

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 #63F495 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63F495
}
```

Border

The CSS property to change the border of an element to Hex 63F495 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
#63F495 }
```

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

```
.border{ border-color:#63F495 }
```

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

Here you see how a box with a 4 pixel #63F495 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63F495; -webkit-box-shadow:4px 4px  
4px 4px #63F495; box-shadow:4px 4px 4px  
4px #63F495 }
```

Background

The CSS property to change the background color of an element to Hex 63F495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63F495 }
```

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

```
.background{ background-color:#63F495 }
```

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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