

Converting Colors

Hex(63EC82)

Have a look what the booklet for
Hex(63EC82) contains.

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Color

Hex(63EC82)

Conversions

Conversions Part 1

Format	Color
Hex	63EC82
RGB	99, 236, 130
RGB Percent	39%, 93%, 51%
CMY	0.6118, 0.0745, 0.4902
CMYK	0.58, 0.00, 0.45, 0.07
HSL	134°, 78%, 66%
HSV	134°, 58%, 93%
XYZ	39.1703, 64.2553, 31.4571
YIQ	182.9530, -47.6260, -62.0100

Conversions

Conversions Part 2

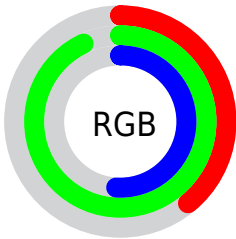
Format	Color
RYB	99, 211, 236
Decimal	6548610
CIELab	84.10, -59.37, 40.37
CIELCh	84, 71.797, 145.788
Yxy	64.2553, 0.2904, 0.4764
Android (android.graphics.Color)	4284738690 (0xFF63EC82)
YUV	182.9530, -26.1058, -73.6268
Hunter-Lab	80.1594, -53.0539, 32.8443

Details

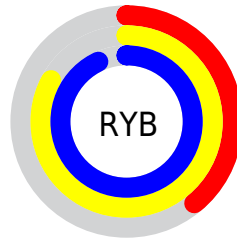
The Hex color **63EC82** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **EC63CD**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **A0FFB8**, and **12B34E** is the 20% darker color. If you saturate the color by 10%, you get **4BEC70**, and if you desaturate by 10%, it is **7BEC94**.

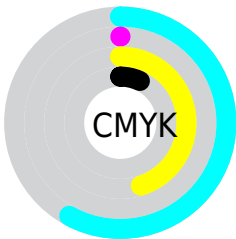
Distribution



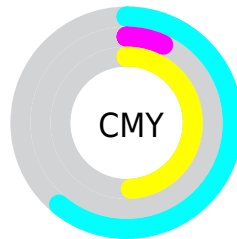
- Red (39%)
- Green (93%)
- Blue (51%)



- Red (39%)
- Yellow (83%)
- Blue (93%)



- Cyan (58%)
- Magenta (0%)
- Yellow (45%)
- Black (7%)



- Cyan (61%)
- Magenta (7%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63EC82 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 63EC82 by changing the saturation by 10% instead.

 63EC82

 63EC82

FFFFFF

 42CF68

 A0FFB8

 12B34E

 BEFFD4

 009735

 DCFFF1

 007D1C

 FBFFFF

 006200

 004900

 003200

 001700

 000000

 63EC82

 63EC82

 4BEC70

 7BEC94

 34EC5D

 92ECA7

 1CEC4B

 AAECB9

 05EC39

 C1ECCB

 00EC35

 D9ECDD

 F1ECF0

 FFECFF

Harmonies

Analogous

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



BDDF4E



63EC82



00F2C6

Triad

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



63EC82



00DCFF



FF9A9B

Complementary

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



63EC82



EC63CD

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.



FF95DE



63EC82



C3C4FF

Square

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



63EC82



00ECFF



FFA7FF



FFB162

Rectangle

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



63EC82



00F3F5



FFA7FF



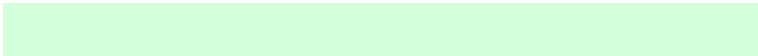
FF95B1

Sweetspot

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



63EC82



D4FFDD



CEEC63



66806C



000000



808080

Same Dimension

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



63EC82



4DFF75



63ECC5



6A756C



00B529



00360C

Inverse Universe

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



EC63CD



FF4DD7



EC638A



756A73



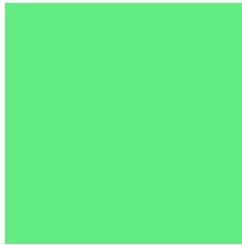
B5008C



360029

Previews

White Background



This preview shows how the Hex color 63EC82 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 63EC82 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

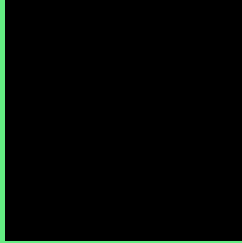
Any Text WCAG AA ✓ Pass

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 63EC82 Background



This preview shows how black text looks on a background with the Hex color 63EC82.

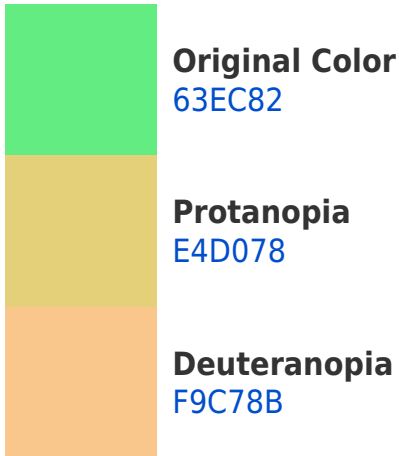


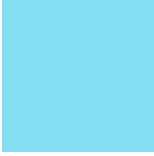
This preview shows how white text looks on a background with the Hex color 63EC82.

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



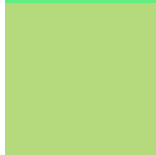


Tritanopia
81DFF1

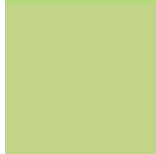
Trichromacy



Original Color
63EC82



Protanomaly
B5DA7C



Deuteranomaly
C2D488



Tritanomaly
76E4C9

Monochromacy



Original Color
63EC82



Achromatopsia
B7B7B7



Achromatomaly
98CAA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 63EC82 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 #63EC82 looks like.

```
.text, #text, p{  
    color:#63EC82  
}
```

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 #63EC82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63EC82
}
```

Border

The CSS property to change the border of an element to Hex 63EC82 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
#63EC82 }
```

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

```
.border{ border-color:#63EC82 }
```

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

Here you see how a box with a 4 pixel #63EC82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63EC82; -webkit-box-shadow:4px 4px  
4px 4px #63EC82; box-shadow:4px 4px 4px  
4px #63EC82 }
```

Background

The CSS property to change the background color of an element to Hex 63EC82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63EC82 }
```

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

```
.background{ background-color:#63EC82 }
```

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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