

Converting Colors

Hex(6EEC82)

Have a look what the booklet for
Hex(6EEC82) contains.

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Color

Hex(6EEC82)

Conversions

Conversions Part 1

Format	Color
Hex	6EEC82
RGB	110, 236, 130
RGB Percent	43%, 93%, 51%
CMY	0.5686, 0.0745, 0.4902
CMYK	0.53, 0.00, 0.45, 0.07
HSL	130°, 77%, 68%
HSV	130°, 53%, 93%
XYZ	40.4551, 64.9176, 31.5172
YIQ	186.2420, -41.0700, -59.6780

Conversions

Conversions Part 2

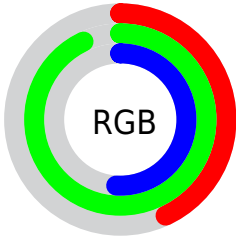
Format	Color
RYB	110, 219, 236
Decimal	7269506
CIELab	84.44, -56.83, 40.87
CIElCh	84, 70.000, 144.273
Yxy	64.9176, 0.2955, 0.4742
Android (android.graphics.Color)	4285459586 (0xFF6EEC82)
YUV	186.2420, -27.7273, -66.8642
Hunter-Lab	80.5715, -51.3748, 33.2075

Details

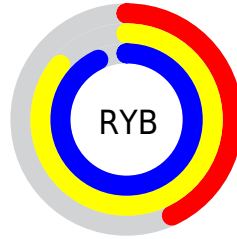
The Hex color **6EEC82** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **EC6ED8**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **AAFFB8**, and **2BB34E** is the 20% darker color. If you saturate the color by 10%, you get **56EC6E**, and if you desaturate by 10%, it is **86EC96**.

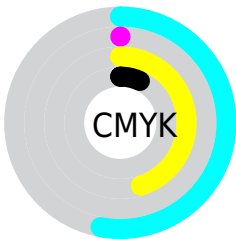
Distribution



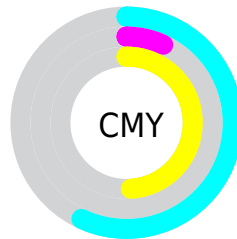
- Red (43%)
- Green (93%)
- Blue (51%)



- Red (43%)
- Yellow (86%)
- Blue (93%)



- Cyan (53%)
- Magenta (0%)
- Yellow (45%)
- Black (7%)



- Cyan (57%)
- Magenta (7%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EEC82 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 6EEC82 by changing the saturation by 10% instead.

 6EEC82

 6EEC82

FFFFFF

 4FCF68

 AAFFB8

 2BB34E

 C7FFD4

 009835

 E5FFF1

 007D1B

 006300

 004A00

 003300

 001800

 000000

 6EEC82

 6EEC82

 56EC6E

 86EC96

 3FEC5A

 9DECAA

 27EC46

 B5ECBE

 10EC33

 CCECD1

 00EC25

 E4ECE5

 FCECF9

 FFECFF

Harmonies

Analogous

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



C2DF52



6EEC82



00F2C3

Triad

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



6EEC82



00DEFF



FF9CA0

Complementary

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



6EEC82



EC6ED8

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.



FF98E2



6EEC82



C0C6FF

Square

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



6EEC82



00ECFF



FFABFF



FFB268

Rectangle

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



6EEC82



00F3F1



FFABFF



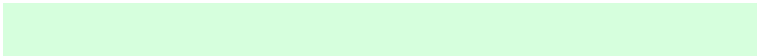
FF98B6

Sweetspot

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



6EEC82



D6FFDD



D9EC6E



67806B



000000



808080

Same Dimension

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



6EEC82



5CFF76



6EECC0



6A756B



00B51D



003608

Inverse Universe

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



EC6ED8



FF5CE5



EC6E9A



756A73



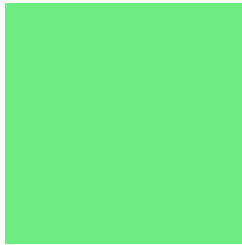
B50098



36002D

Previews

White Background



This preview shows how the Hex color 6EEC82 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 6EEC82 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

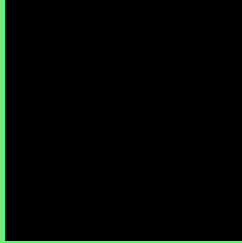
Any Text WCAG AA ✓ Pass

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 6EEC82 Background



This preview shows how black text looks on a background with the Hex color 6EEC82.

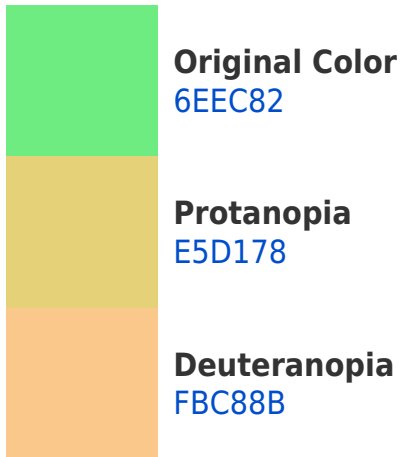


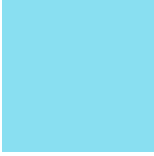
This preview shows how white text looks on a background with the Hex color 6EEC82.

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



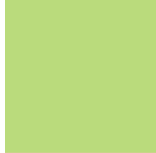


Tritanopia
89DFF1

Trichromacy



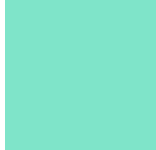
Original Color
6EEC82



Protanomaly
BADB7C



Deuteranomaly
C8D588

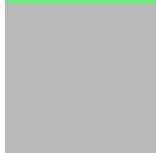


Tritanomaly
7FE4C9

Monochromacy



Original Color
6EEC82



Achromatopsia
BABABA



Achromatomaly
9ECCA6

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EEC82 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 #6EEC82 looks like.

```
.text, #text, p{  
    color:#6EEC82  
}
```

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 #6EEC82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EEC82
}
```

Border

The CSS property to change the border of an element to Hex 6EEC82 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
#6EEC82 }
```

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

```
.border{ border-color:#6EEC82 }
```

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

Here you see how a box with a 4 pixel #6EEC82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EEC82; -webkit-box-shadow:4px 4px  
4px 4px #6EEC82; box-shadow:4px 4px 4px  
4px #6EEC82 }
```

Background

The CSS property to change the background color of an element to Hex 6EEC82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EEC82 }
```

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

```
.background{ background-color:#6EEC82 }
```

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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