

Converting Colors

Hex(6ECD82)

Have a look what the booklet for
Hex(6ECD82) contains.

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Color

Hex(6ECD82)

Conversions

Conversions Part 1

Format	Color
Hex	6ECD82
RGB	110, 205, 130
RGB Percent	43%, 80%, 51%
CMY	0.5686, 0.1961, 0.4902
CMYK	0.46, 0.00, 0.37, 0.20
HSL	133°, 49%, 62%
HSV	133°, 46%, 80%
XYZ	32.2910, 48.5893, 28.7959
YIQ	168.0450, -32.5450, -43.4650

Conversions

Conversions Part 2

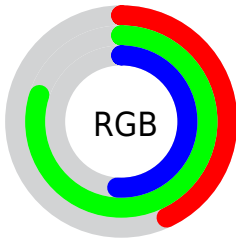
Format	Color
RYB	110, 188, 205
Decimal	7261570
CIELab	75.20, -44.20, 28.86
CIELCh	75, 52.782, 146.859
Yxy	48.5893, 0.2944, 0.4430
Android (android.graphics.Color)	4285451650 (0xFF6ECD82)
YUV	168.0450, -18.7562, -50.9055
Hunter-Lab	69.7061, -39.2963, 24.3013

Details

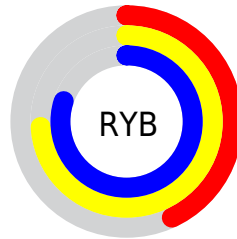
The Hex color **6ECD82** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **CD6EB9**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **A6FFB8**, and **359650** is the 20% darker color. If you saturate the color by 10%, you get **5ACD72**, and if you desaturate by 10%, it is **83CD92**.

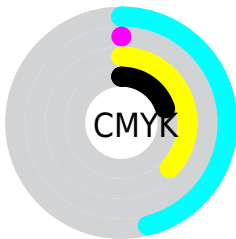
Distribution



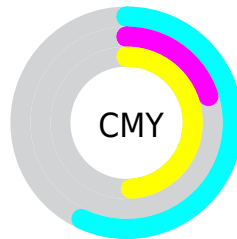
- Red (43%)
- Green (80%)
- Blue (51%)



- Red (43%)
- Yellow (74%)
- Blue (80%)



- Cyan (46%)
- Magenta (0%)
- Yellow (37%)
- Black (20%)



- Cyan (57%)
- Magenta (20%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6ECD82 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 6ECD82 by changing the saturation by 10% instead.



6ECD82



6ECD82

FFFFFF



52B168



A6FFB8



359650



C3FFD3



0F7C38



E0FFF0



006221

FEFFFF



004909



003200



001B00



000000



6ECD82



6ECD82

 5ACD72

 83CD92

 45CD62

 97CDA2

 31CD51

 ACCDB3

 1CCD41

 C0CDC3

 08CD31

 D5CDD3

 00CD2B

 E9CDE3

 FECDF3

 FFCDF3

Harmonies

Analogous

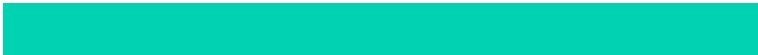
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AAC35F



6ECD82



00D2B2

Triad

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



6ECD82



54C0FF



FF9490

Complementary

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



6ECD82



CD6EB9

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.



FF91C0



6ECD82



B5AEFF

Square

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



6ECD82



00CCFF



F19CEF



FFA369

Rectangle

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



6ECD82



00D2D4



F19CEF



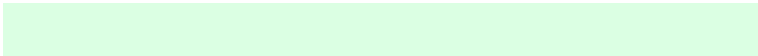
FF91A0

Sweetspot

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



6ECD82



DBFFE3



BACD6E



6A806E



000000



808080

Same Dimension

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



6ECD82



70FF8E



6ECDB1



5C665E



00A623



002608

Inverse Universe

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



CD6EB9



FF70E1



CD6E8B



665C64



A60083



26001E

Previews

White Background



This preview shows how the Hex color 6ECD82 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 6ECD82 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

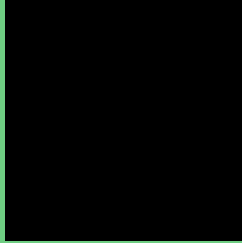
Any Text WCAG AA ✓ Pass

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 6ECD82 Background



This preview shows how black text looks on a background with the Hex color 6ECD82.

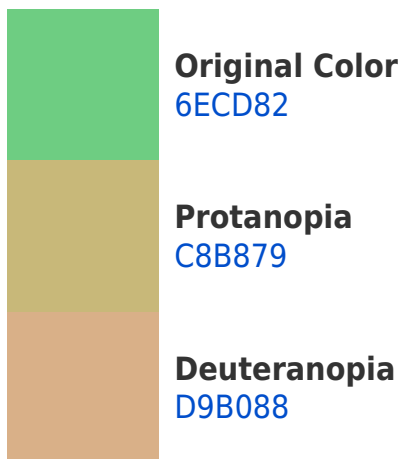


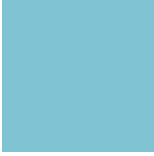
This preview shows how white text looks on a background with the Hex color 6ECD82.

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
80C3D3

Trichromacy



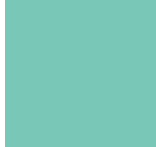
Original Color
6ECD82



Protanomaly
A7C07C



Deuteranomaly
B2BB86



Tritanomaly
79C7B6

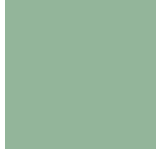
Monochromacy



Original Color
6ECD82



Achromatopsia
A8A8A8



Achromatomaly
93B59A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6ECD82 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 #6ECD82 looks like.

```
.text, #text, p{  
    color:#6ECD82  
}
```

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 #6ECD82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ECD82
}
```

Border

The CSS property to change the border of an element to Hex 6ECD82 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
#6ECD82 }
```

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

```
.border{ border-color:#6ECD82 }
```

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

Here you see how a box with a 4 pixel #6ECD82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ECD82; -webkit-box-shadow:4px 4px  
4px 4px #6ECD82; box-shadow:4px 4px 4px  
4px #6ECD82 }
```

Background

The CSS property to change the background color of an element to Hex 6ECD82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ECD82 }
```

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

```
.background{ background-color:#6ECD82 }
```

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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