

Converting Colors

Hex(64C86E)

Have a look what the booklet for
Hex(64C86E) contains.

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Color

Hex(64C86E)

Conversions

Conversions Part 1

Format	Color
Hex	64C86E
RGB	100, 200, 110
RGB Percent	39%, 78%, 43%
CMY	0.6078, 0.2157, 0.5686
CMYK	0.50, 0.00, 0.45, 0.22
HSL	126°, 48%, 59%
HSV	126°, 50%, 78%
XYZ	28.7243, 45.1437, 21.9515
YIQ	159.8400, -30.7100, -49.1900

Conversions

Conversions Part 2

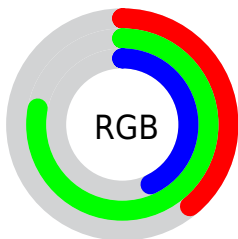
Format	Color
RYB	100, 191, 200
Decimal	6604910
CIELab	72.99, -48.03, 36.15
CIELCh	73, 60.111, 143.029
Yxy	45.1437, 0.2998, 0.4711
Android (android.graphics.Color)	4284794990 (0xFF64C86E)
YUV	159.8400, -24.5711, -52.4797
Hunter-Lab	67.1890, -41.2695, 27.6615

Details

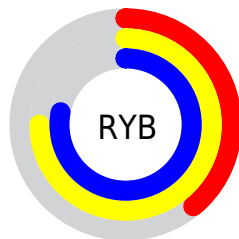
The Hex color **64C86E** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C864BE**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **9DFFA3**, and **27913C** is the 20% darker color. If you saturate the color by 10%, you get **50C85C**, and if you desaturate by 10%, it is **78C880**.

Distribution



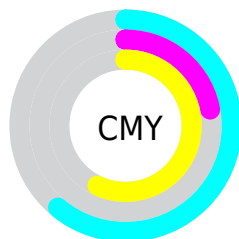
- Red (39%)
- Green (78%)
- Blue (43%)



- Red (39%)
- Yellow (75%)
- Blue (78%)



- Cyan (50%)
- Magenta (0%)
- Yellow (45%)
- Black (22%)



- Cyan (61%)
- Magenta (22%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64C86E 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 64C86E by changing the saturation by 10% instead.



64C86E



64C86E

FFFFFF



47AC55



9DFFA3



27913C



BAFFBE



007724



D7FFDA



005D09



F4FFF7



004400



002E00



001200



000000



64C86E



64C86E

 50C85C

 78C880

 3CC84A

 8CC892

 28C838

 A0C8A4

 14C826

 B4C8B6

 00C814

 C8C8C8

 DCC8DA

 F0C8EC

 FFC8FE

 FFC8FF

Harmonies

Analogous

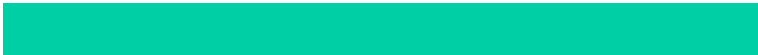
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A8BD47



64C86E



00CEA4

Triad

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



64C86E



00BDFE



FF858B

Complementary

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



64C86E



C864BE

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.



FF83C2



64C86E



A0AAFF

Square

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



64C86E



00C9FF



EA93F6



FF975C

Rectangle

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



64C86E



00CECA



EA93F6



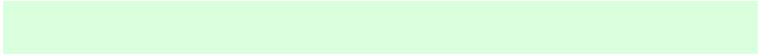
FF839D

Sweetspot

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



64C86E



D9FFDD



BEC864



69806B



000000



808080

Same Dimension

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



64C86E



66FF75



64C8A0



5A635A



00A310



002404

Inverse Universe

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



C864BE



FF66F0



C8648C



635A62



A30093



240020

Previews

White Background



This preview shows how the Hex color 64C86E looks on a white background.

Color Contrast Check

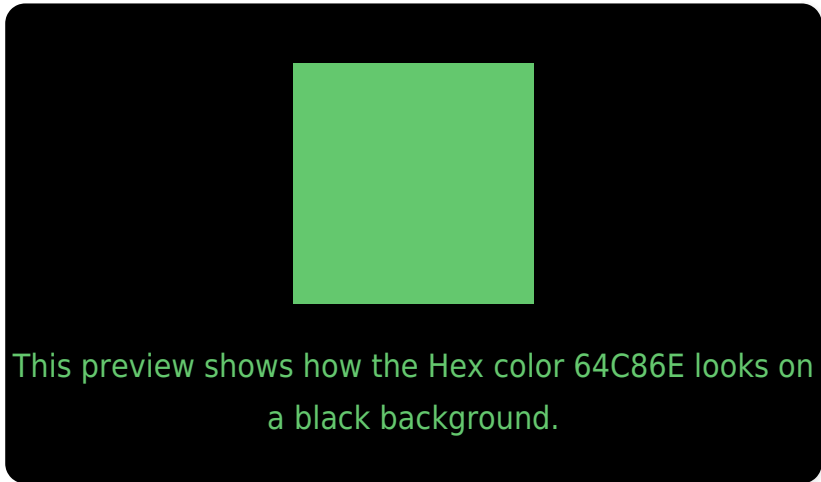
Large Text (above 18pt) WCAG AA × Fail

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

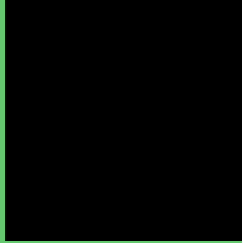
Any Text WCAG AA ✓ Pass

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 64C86E Background



This preview shows how black text looks on a background with the Hex color 64C86E.

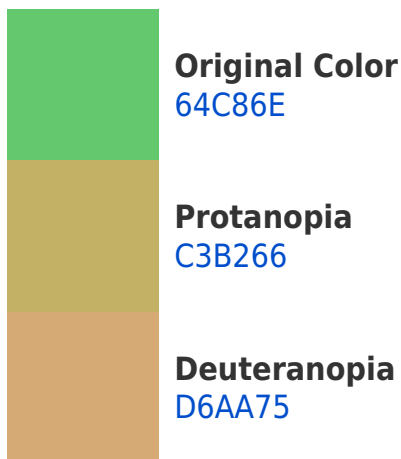


This preview shows how white text looks on a background with the Hex color 64C86E.

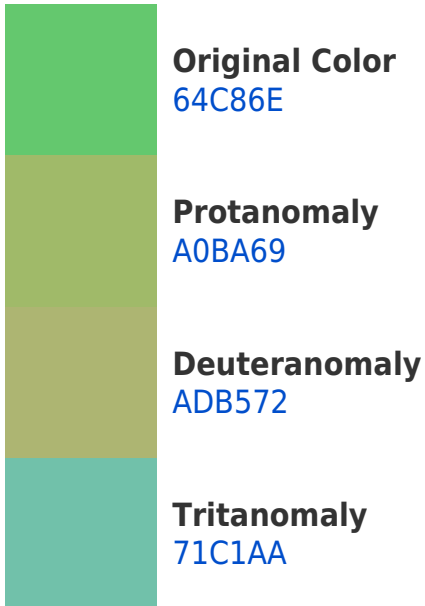
Color Blindness Simulation

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](#).

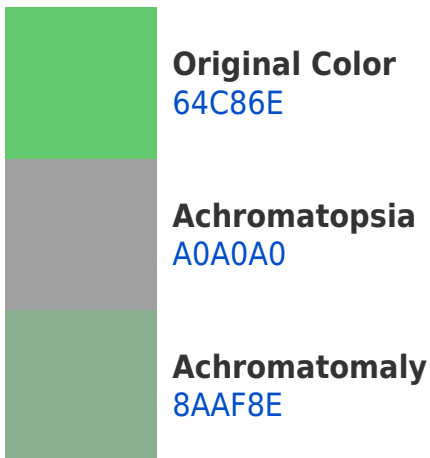
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64C86E 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 #64C86E looks like.

```
.text, #text, p{  
    color:#64C86E  
}
```

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 #64C86E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C86E
}
```

Border

The CSS property to change the border of an element to Hex 64C86E 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
#64C86E }
```

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

```
.border{ border-color:#64C86E }
```

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

Here you see how a box with a 4 pixel #64C86E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C86E; -webkit-box-shadow:4px 4px  
4px 4px #64C86E; box-shadow:4px 4px 4px  
4px #64C86E }
```

Background

The CSS property to change the background color of an element to Hex 64C86E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C86E }
```

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

```
.background{ background-color:#64C86E }
```

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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