

# Converting Colors

Hex(65E1A9)

Have a look what the booklet for  
Hex(65E1A9) contains.

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**Color**

**Hex(65E1A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65E1A9
RGB	101, 225, 169
RGB Percent	40%, 88%, 66%
CMY	0.6039, 0.1176, 0.3373
CMYK	0.55, 0.00, 0.25, 0.12
HSL	153°, 67%, 64%
HSV	153°, 55%, 88%
XYZ	39.4535, 59.4817, 46.9378
YIQ	181.5400, -55.9280, -43.7040

# Conversions

## Conversions Part 2

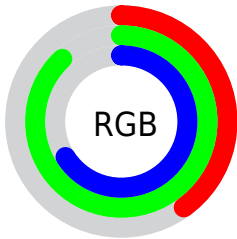
Format	Color
<a href="#">RYB</a>	<a href="#">101, 181, 225</a>
Decimal	<a href="#">6676905</a>
CIELab	<a href="#">81.56, -47.52, 17.12</a>
CIElCh	<a href="#">82, 50.507, 160.191</a>
Yxy	<a href="#">59.4817, 0.2705, 0.4078</a>
Android (android.graphics.Color)	<a href="#">4284866985 (0xFF65E1A9)</a>
YUV	<a href="#">181.5400, -6.1822, -70.6336</a>
Hunter-Lab	<a href="#">77.1244, -43.6548, 17.9032</a>

# Details

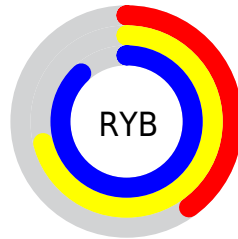
The Hex color **65E1A9** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E1659D**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **A0FFE0**, and **20A975** is the 20% darker color. If you saturate the color by 10%, you get **4EE19F**, and if you desaturate by 10%, it is **7BE1B3**.

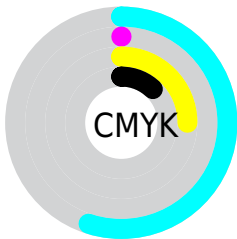
# Distribution



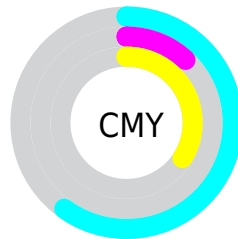
- Red (40%)
- Green (88%)
- Blue (66%)



- Red (40%)
- Yellow (71%)
- Blue (88%)



- Cyan (55%)
- Magenta (0%)
- Yellow (25%)
- Black (12%)



- Cyan (60%)
- Magenta (12%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65E1A9 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 65E1A9 by changing the saturation by 10% instead.



 65E1A9

 65E1A9

FFFFFF

 46C58E

 A0FFE0

 20A975

 BEFFFD

 008E5C

 DBFFFF

 007344

 F9FFFF

 005A2E

 004118

 002C00

 000B00

 000000

 65E1A9

 65E1A9

 4EE19F

 7BE1B3

 38E195

 92E1BD

 21E18B

 A9E1C7

 0BE180

 BFE1D2

 00E17B

 D6E1DC

 ECE1E6

 FFE1F0

 FFE1FA

 FFE1FF

# Harmonies

## Analogous

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



A5DA80



65E1A9



00E3DA

# Triad

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



65E1A9



9DCAFF



FFAD90

# Complementary

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



65E1A9



E1659D

# 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.



FFA4BC



65E1A9



E4B8FF

# Square

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



65E1A9



29D8FF



FFA9EC



FFBD72

# Rectangle

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



65E1A9



00E2F9



FFA9EC



FFA99E

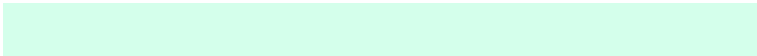


# Sweetspot

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



65E1A9



D4FFEB



9FE165



668074



000000



808080



# Same Dimension

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



65E1A9



57FFB3



65DDE1



65706B



00B060



00301B



# Inverse Universe

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



E1659D



FF57A3



E16965



70656A



B0004F

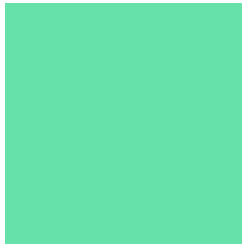


300016



# Previews

## White Background



This preview shows how the Hex color 65E1A9 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 65E1A9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

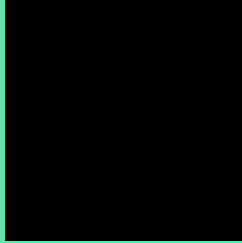
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 65E1A9 Background



This preview shows how black text looks on a background with the Hex color 65E1A9.

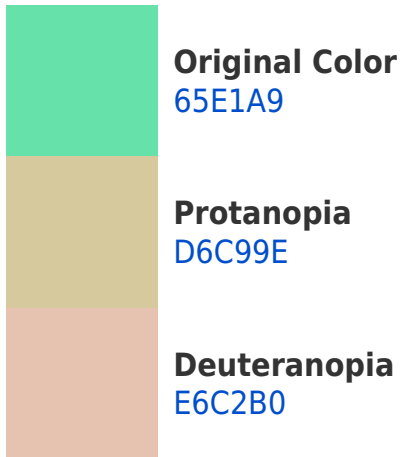


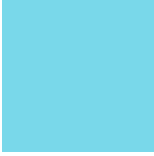
This preview shows how white text looks on a background with the Hex color 65E1A9.

# 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**  
79D8EA

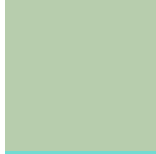
# Trichromacy



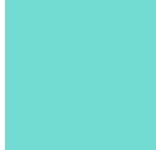
**Original Color**  
65E1A9



**Protanomaly**  
ADD2A2



**Deuteranomaly**  
B7CDAD

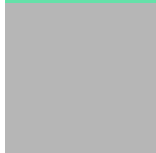


**Tritanomaly**  
72DBD2

# Monochromacy



**Original Color**  
65E1A9



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
99C6B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65E1A9 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 #65E1A9 looks like.

```
.text, #text, p{  
    color:#65E1A9  
}
```

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 #65E1A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65E1A9
}
```

## Border

The CSS property to change the border of an element to Hex 65E1A9 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
#65E1A9 }
```

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

```
.border{ border-color:#65E1A9 }
```

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

Here you see how a box with a 4 pixel #65E1A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65E1A9; -webkit-box-shadow:4px 4px  
4px 4px #65E1A9; box-shadow:4px 4px 4px  
4px #65E1A9 }
```

# Background

The CSS property to change the background color of an element to Hex 65E1A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65E1A9 }
```

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

```
.background{ background-color:#65E1A9 }
```

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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