

# Converting Colors

Hex(65EACA)

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

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# Color

**Hex(65EACA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65EACA
RGB	101, 234, 202
RGB Percent	40%, 92%, 79%
CMY	0.6039, 0.0824, 0.2078
CMYK	0.57, 0.00, 0.14, 0.08
HSL	166°, 76%, 66%
HSV	166°, 57%, 92%
XYZ	45.4503, 65.8766, 66.1971
YIQ	190.5850, -68.9960, -38.1480

# Conversions

## Conversions Part 2

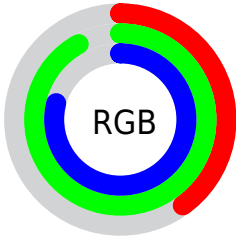
Format	Color
<a href="#">RYB</a>	<a href="#">101, 177, 234</a>
Decimal	<a href="#">6679242</a>
CIELab	<a href="#">84.93, -44.06, 4.59</a>
CIELCh	<a href="#">85, 44.303, 174.049</a>
Yxy	<a href="#">65.8766, 0.2560, 0.3711</a>
Android (android.graphics.Color)	<a href="#">4284869322</a> ( <a href="#">0xFF65EACA</a> )
YUV	<a href="#">190.5850, 5.6276, -78.5660</a>
Hunter-Lab	<a href="#">81.1644, -42.0816, 8.4586</a>

# Details

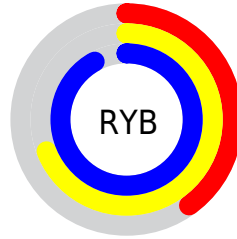
The Hex color **65EACA** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **EA6585**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **A2FFFF**, and **17B194** is the 20% darker color. If you saturate the color by 10%, you get **4EEAC4**, and if you desaturate by 10%, it is **7CEAD0**.

# Distribution



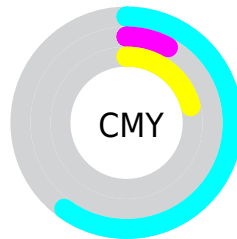
- Red (40%)
- Green (92%)
- Blue (79%)



- Red (40%)
- Yellow (69%)
- Blue (92%)



- Cyan (57%)
- Magenta (0%)
- Yellow (14%)
- Black (8%)



- Cyan (60%)
- Magenta (8%)
- Yellow (21%)

# Brightness & Saturation Gradients

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



 65EACA

 65EACA

FFFFFF

 44CDAF

 A2FFFF

 17B194

 C0FFFF

 00967A

 DEFFFF

 007C61

 FCFFFF

 00624A

 004933

 00321E

 001A06

 000000

 65EACA

 65EACA

 4EEAC4

 7CEAD0

 36EABF

 94EAD5

 1FEAB9

 ABEADB

 07EAB3

 C3EAE1

 00EAB2

 DAEAE6

 F1EAE6

 FFEAF1

 FFEAF7

 FFEAFD

# Harmonies

## Analogous

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



9CE5A2



65EACA



27EAF5

# Triad

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



65EACA



CDCCFF



FFC092

# Complementary

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



65EACA



EA6585

# 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.



FFB6B4



65EACA



FFBDFD

# Square

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



65EACA



89DBFF



FFB4DE



F7CF80

# Rectangle

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



65EACA



26E7FF



FFB4DE



FFBC9C

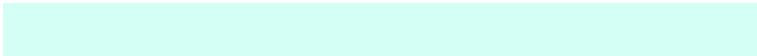


# Sweetspot

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



65EACA



D4FFF5



86EA65



668079



000000



808080



# Same Dimension

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



65EACA



52FFD5



65C9EA



6A7572



00B589



003629



# Inverse Universe

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



EA6585



FF527B



EA8665



756A6C



B5002C

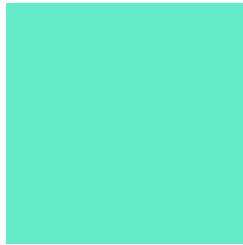


36000D



# Previews

## White Background



This preview shows how the Hex color 65EACA looks on a white background.

## Color Contrast Check

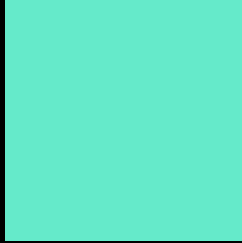
Large Text (above 18pt) WCAG AA × Fail

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 65EACA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

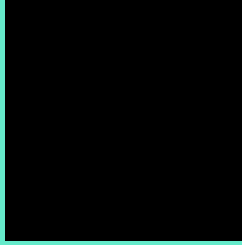
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 65EACA Background



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

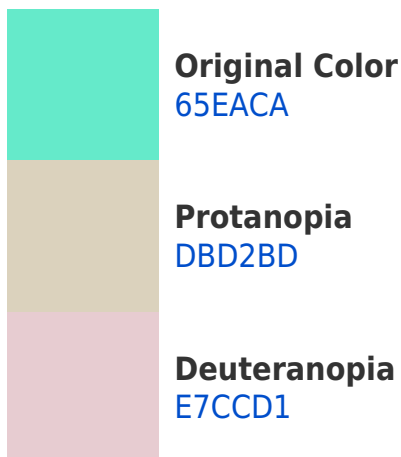


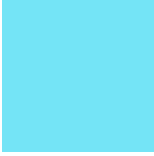
This preview shows how white text looks on a background with the Hex color 65EACA.

# 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**  
74E4F6

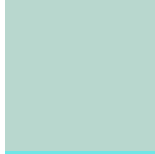
# Trichromacy



**Original Color**  
65EACA



**Protanomaly**  
B0DBC2



**Deuteranomaly**  
B8D7CE

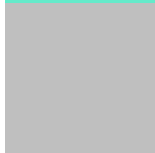


**Tritanomaly**  
6FE6E6

# Monochromacy



**Original Color**  
65EACA



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
9ECFC3

# CSS Examples

## Text

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

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

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 #65EACA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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