

Converting Colors

Hex(66EAC5)

Have a look what the booklet for
Hex(66EAC5) contains.

Hex(66EAC5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(66EAC5)

Conversions

Conversions Part 1

Format	Color
Hex	66EAC5
RGB	102, 234, 197
RGB Percent	40%, 92%, 77%
CMY	0.6000, 0.0824, 0.2275
CMYK	0.56, 0.00, 0.16, 0.08
HSL	163°, 76%, 66%
HSV	163°, 56%, 92%
XYZ	44.9804, 65.7016, 63.1343
YIQ	190.3140, -66.7950, -39.4910

Conversions

Conversions Part 2

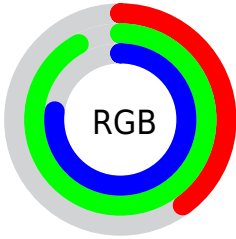
Format	Color
RYB	102, 179, 234
Decimal	6744773
CIELab	84.84, -45.03, 7.09
CIELCh	85, 45.587, 171.048
Yxy	65.7016, 0.2588, 0.3780
Android (android.graphics.Color)	4284934853 (0xFF66EAC5)
YUV	190.3140, 3.2962, -77.4514
Hunter-Lab	81.0565, -42.7947, 10.5591

Details

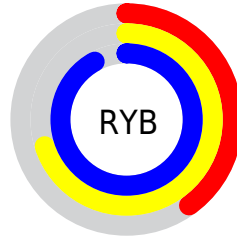
The Hex color **66EAC5** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **EA668B**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **A3FFFE**, and **1BB18F** is the 20% darker color. If you saturate the color by 10%, you get **4FEABE**, and if you desaturate by 10%, it is **7DEACC**.

Distribution



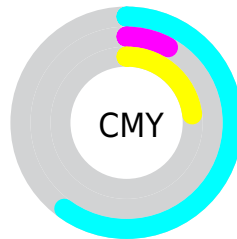
- Red (40%)
- Green (92%)
- Blue (77%)



- Red (40%)
- Yellow (70%)
- Blue (92%)



- Cyan (56%)
- Magenta (0%)
- Yellow (16%)
- Black (8%)



- Cyan (60%)
- Magenta (8%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66EAC5 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 66EAC5 by changing the saturation by 10% instead.

 66EAC5

 66EAC5

FFFFFF

 45CDAA

 A3FFFE

 1BB18F

 C0FFFF

 009676

 DFFFFFF

 007C5D

FDFFFF

 006245

 00492F

 00321A

 001A00

 000000

 66EAC5

 66EAC5

 4FEABE

 7DEACC

 37EAB8

 95EAD2

 20EAB1

 ACEAD9

 08EAAB

 C4EADF

 00EAA8

 DBEAE6

 F2EAEC

 FFEAF3

 FFEAF9

 FFEAFF

Harmonies

Analogous

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



A0E59C



66EAC5



17EBF1

Triad

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



66EAC5



C6CDFF



FFBE93

Complementary

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



66EAC5



EA668B

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.



FFB4B7



66EAC5



FDBEFF

Square

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



66EAC5



7DDCFF



FFB3E3



FCCD7E

Rectangle

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



66EAC5



00E8FF



FFB3E3



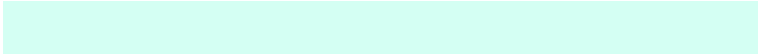
FFBA9D

Sweetspot

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



66EAC5



D4FFF3



8BEA66



668078



000000



808080

Same Dimension

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



66EAC5



52FFCE



66CDEA



6A7572



00B582



003627

Inverse Universe

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



EA668B



FF5282



EA8366



756A6D



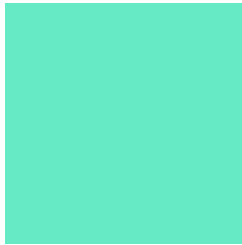
B50033



36000F

Previews

White Background



This preview shows how the Hex color 66EAC5 looks on a white background.

Color Contrast Check

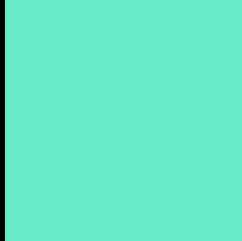
Large Text (above 18pt) WCAG AA × Fail

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 66EAC5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

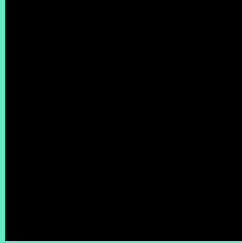
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

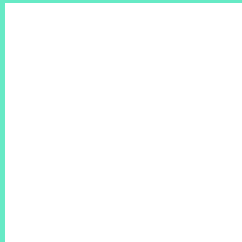
Any Text WCAG AAA ✓ Pass

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

Hex 66EAC5 Background



This preview shows how black text looks on a background with the Hex color 66EAC5.

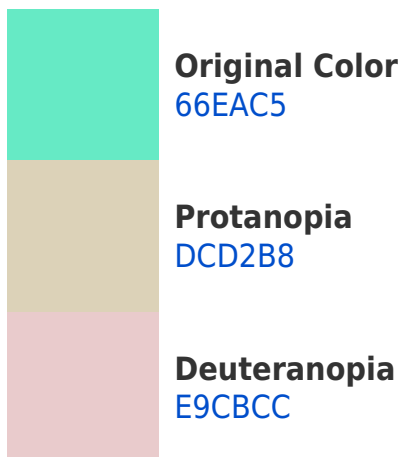


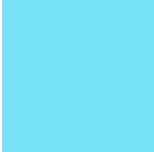
This preview shows how white text looks on a background with the Hex color 66EAC5.

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
76E3F6

Trichromacy



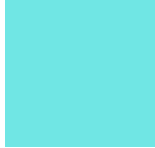
Original Color
66EAC5



Protanomaly
B1DBBD



Deuteranomaly
B9D6C9



Tritanomaly
70E6E4

Monochromacy



Original Color
66EAC5



Achromatopsia
BEBEBE



Achromatomaly
9ECEC1

CSS Examples

Text

The CSS property to change the color of the text to Hex 66EAC5 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 #66EAC5 looks like.

```
.text, #text, p{  
    color:#66EAC5  
}
```

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 #66EAC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66EAC5
}
```

Border

The CSS property to change the border of an element to Hex 66EAC5 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
#66EAC5 }
```

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

```
.border{ border-color:#66EAC5 }
```

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

Here you see how a box with a 4 pixel #66EAC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66EAC5; -webkit-box-shadow:4px 4px  
4px 4px #66EAC5; box-shadow:4px 4px 4px  
4px #66EAC5 }
```

Background

The CSS property to change the background color of an element to Hex 66EAC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66EAC5 }
```

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

```
.background{ background-color:#66EAC5 }
```

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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