

Converting Colors

Hex(6EE4B9)

Have a look what the booklet for
Hex(6EE4B9) contains.

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Color

Hex(6EE4B9)

Conversions

Conversions Part 1

Format	Color
Hex	6EE4B9
RGB	110, 228, 185
RGB Percent	43%, 89%, 73%
CMY	0.5686, 0.1059, 0.2745
CMYK	0.52, 0.00, 0.19, 0.11
HSL	158°, 69%, 66%
HSV	158°, 52%, 89%
XYZ	42.9308, 62.3046, 55.6622
YIQ	187.8160, -56.5250, -38.3890

Conversions

Conversions Part 2

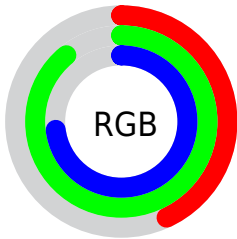
Format	Color
RYB	110, 182, 228
Decimal	7267513
CIELab	83.08, -43.42, 10.90
CIElCh	83, 44.765, 165.905
Yxy	62.3046, 0.2668, 0.3872
Android (android.graphics.Color)	4285457593 (0xFF6EE4B9)
YUV	187.8160, -1.3883, -68.2446
Hunter-Lab	78.9333, -41.0494, 13.4431

Details

The Hex color **6EE4B9** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E46E99**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **A9FFF1**, and **2EAC84** is the 20% darker color. If you saturate the color by 10%, you get **57E4B1**, and if you desaturate by 10%, it is **85E4C1**.

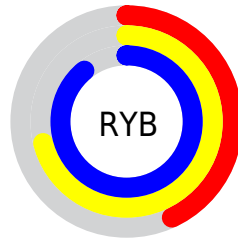
Distribution



Red (43%)

Green (89%)

Blue (73%)



Red (43%)

Yellow (71%)

Blue (89%)

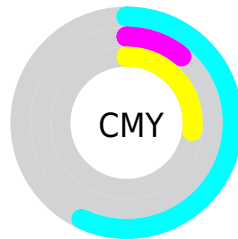


Cyan (52%)

Magenta (0%)

Yellow (19%)

Black (11%)



Cyan (57%)

Magenta (11%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EE4B9 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 6EE4B9 by changing the saturation by 10% instead.

 6EE4B9

 6EE4B9


FFFFFF

 50C89E

 A9FFF1

 2EAC84

 C6FFFF

 00916B

 E4FFFF

 007652

 005D3B

 004425

 002E11

 001300

 000000

 6EE4B9

 6EE4B9

 57E4B1

 85E4C1

 40E4A8

 9CE4CA

 2AE4A0

 B2E4D2

 13E498

 C9E4DA

 00E491

 E0E4E3

 F7E4EB

 FFE4F3

 FFE4FB

 FFE4FF

Harmonies

Analogous

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



A5DE93



6EE4B9



28E5E5

Triad

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



6EE4B9



B6CBFF



FFB794

Complementary

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



6EE4B9



E46E99

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.



FFAEBA



6EE4B9



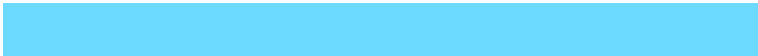
F0BCFF

Square

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



6EE4B9



6CD9FF



FFB0E5



FCC67D

Rectangle

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



6EE4B9



00E4FF



FFB0E5



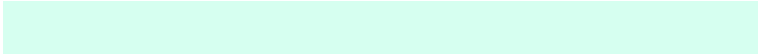
FFB3A0

Sweetspot

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



6EE4B9



D6FFF0



99E46E



678077



000000



808080

Same Dimension

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



6EE4B9



61FFC5



6ED4E4



67736F



00B371



003320

Inverse Universe

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



E46E99



FF619B



E47E6E



73676B



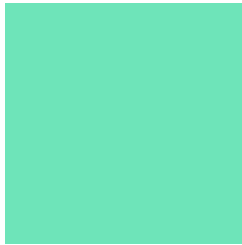
B30041



330013

Previews

White Background



This preview shows how the Hex color 6EE4B9 looks on a white background.

Color Contrast Check

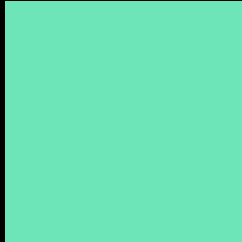
Large Text (above 18pt) WCAG AA × Fail

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 6EE4B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

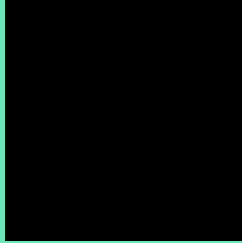
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

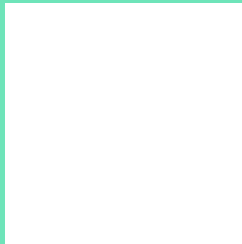
Any Text WCAG AAA ✓ Pass

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

Hex 6EE4B9 Background



This preview shows how black text looks on a background with the Hex color 6EE4B9.

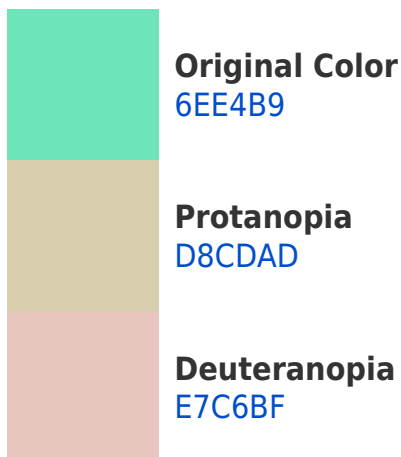


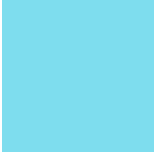
This preview shows how white text looks on a background with the Hex color 6EE4B9.

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





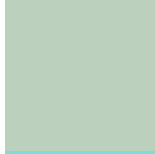
Trichromacy



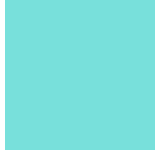
Original Color
6EE4B9



Protanomaly
B1D5B1



Deuteranomaly
BBD1BD



Tritanomaly
78E0DB

Monochromacy



Original Color
6EE4B9



Achromatopsia
BCBCBC



Achromatomaly
A0CBBB

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EE4B9 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 #6EE4B9 looks like.

```
.text, #text, p{  
    color:#6EE4B9  
}
```

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 #6EE4B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EE4B9
}
```

Border

The CSS property to change the border of an element to Hex 6EE4B9 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
#6EE4B9 }
```

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

```
.border{ border-color:#6EE4B9 }
```

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

Here you see how a box with a 4 pixel #6EE4B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EE4B9; -webkit-box-shadow:4px 4px  
4px 4px #6EE4B9; box-shadow:4px 4px 4px  
4px #6EE4B9 }
```

Background

The CSS property to change the background color of an element to Hex 6EE4B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EE4B9 }
```

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

```
.background{ background-color:#6EE4B9 }
```

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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