

Converting Colors

Hex(6EE0A3)

Have a look what the booklet for
Hex(6EE0A3) contains.

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Color

Hex(6EE0A3)

Conversions

Conversions Part 1

Format	Color
Hex	6EE0A3
RGB	110, 224, 163
RGB Percent	43%, 88%, 64%
CMY	0.5686, 0.1216, 0.3608
CMYK	0.51, 0.00, 0.27, 0.12
HSL	148°, 65%, 65%
HSV	148°, 51%, 88%
XYZ	39.6969, 59.2706, 43.9985
YIQ	182.9600, -48.3630, -43.1390

Conversions

Conversions Part 2

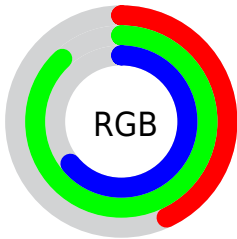
Format	Color
RYB	110, 188, 224
Decimal	7266467
CIELab	81.44, -46.25, 20.14
CIElCh	81, 50.449, 156.473
Yxy	59.2706, 0.2777, 0.4146
Android (android.graphics.Color)	4285456547 (0xFF6EE0A3)
YUV	182.9600, -9.8403, -63.9859
Hunter-Lab	76.9874, -42.6883, 20.0069

Details

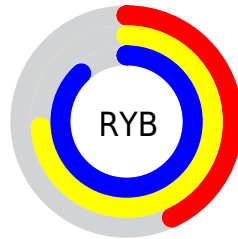
The Hex color **6EE0A3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E06EAB**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **A8FFDA**, and **30A86F** is the 20% darker color. If you saturate the color by 10%, you get **58E097**, and if you desaturate by 10%, it is **84E0AF**.

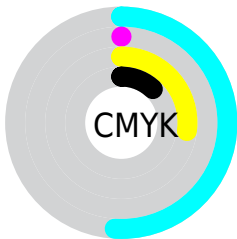
Distribution



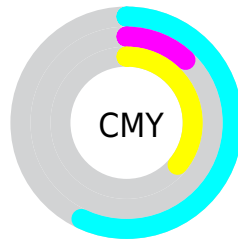
- Red (43%)
- Green (88%)
- Blue (64%)



- Red (43%)
- Yellow (74%)
- Blue (88%)



- Cyan (51%)
- Magenta (0%)
- Yellow (27%)
- Black (12%)



- Cyan (57%)
- Magenta (12%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EE0A3 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 6EE0A3 by changing the saturation by 10% instead.

 6EE0A3

 6EE0A3

FFFFFF

 50C489

 A8FFDA

 30A86F

 C5FFF7

 008D56

 E3FFFF

 00733F

 005928

 004113

 002B00

 000A00

 000000

 6EE0A3

 6EE0A3

 58E097

 84E0AF

 41E08B

 9BE0BB

 2BE07F

 B1E0C7

 14E073

 C8E0D3

 00E068

 DEE0DF

 F4E0EB

 FFE0F7

 FFE0FF

Harmonies

Analogous

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



ACD87C



6EE0A3



00E3D3

Triad

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



6EE0A3



92CCFF



FFAB95

Complementary

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



6EE0A3



E06EAB

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.



FFA4C2



6EE0A3



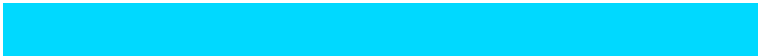
DCBAFF

Square

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



6EE0A3



00D9FF



FFAAF1



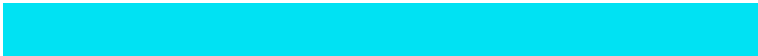
FFBA74

Rectangle

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



6EE0A3



00E2F3



FFAAF1



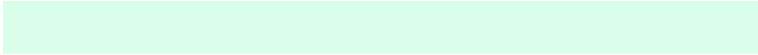
FFA7A3

Sweetspot

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



6EE0A3



D9FFEB



ADE06E



698073



000000



808080

Same Dimension

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



6EE0A3



63FFAC



6EE0DA



65706A



00B052



003017

Inverse Universe

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



E06EAB



FF63B7



E06E74



70656B



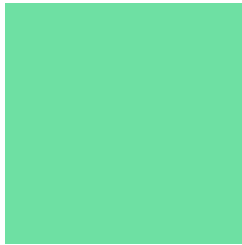
B0005E



30001A

Previews

White Background



This preview shows how the Hex color 6EE0A3 looks on a white background.

Color Contrast Check

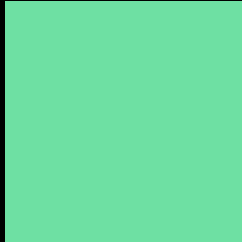
Large Text (above 18pt) WCAG AA × Fail

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 6EE0A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

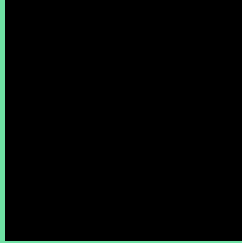
Any Text WCAG AA ✓ Pass

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 6EE0A3 Background



This preview shows how black text looks on a background with the Hex color 6EE0A3.

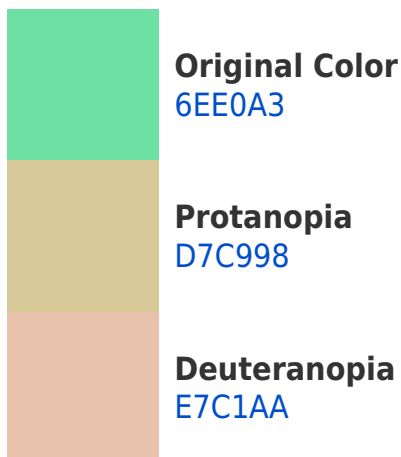


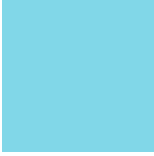
This preview shows how white text looks on a background with the Hex color 6EE0A3.

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
81D7E8

Trichromacy



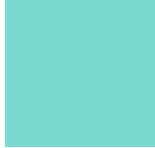
Original Color
6EE0A3



Protanomaly
B1D19C



Deuteranomaly
BBCCA7



Tritanomaly
7ADACF

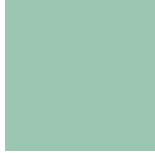
Monochromacy



Original Color
6EE0A3



Achromatopsia
B7B7B7



Achromatomaly
9CC6B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EE0A3 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 #6EE0A3 looks like.

```
.text, #text, p{  
    color:#6EE0A3  
}
```

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 #6EE0A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EE0A3
}
```

Border

The CSS property to change the border of an element to Hex 6EE0A3 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
#6EE0A3 }
```

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

```
.border{ border-color:#6EE0A3 }
```

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

Here you see how a box with a 4 pixel #6EE0A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EE0A3; -webkit-box-shadow:4px 4px  
4px 4px #6EE0A3; box-shadow:4px 4px 4px  
4px #6EE0A3 }
```

Background

The CSS property to change the background color of an element to Hex 6EE0A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EE0A3 }
```

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

```
.background{ background-color:#6EE0A3 }
```

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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