

Converting Colors

Hex(6EE083)

Have a look what the booklet for
Hex(6EE083) contains.

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Color

Hex(6EE083)

Conversions

Conversions Part 1

Format	Color
Hex	6EE083
RGB	110, 224, 131
RGB Percent	43%, 88%, 51%
CMY	0.5686, 0.1216, 0.4863
CMYK	0.51, 0.00, 0.42, 0.12
HSL	131°, 65%, 65%
HSV	131°, 51%, 88%
XYZ	37.1828, 58.2650, 30.7593
YIQ	179.3120, -38.0910, -53.0910

Conversions

Conversions Part 2

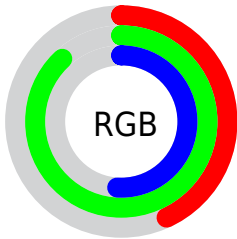
Format	Color
RYB	110, 206, 224
Decimal	7266435
CIELab	80.89, -51.93, 35.81
CIELCh	81, 63.081, 145.407
Yxy	58.2650, 0.2946, 0.4617
Android (android.graphics.Color)	4285456515 (0xFF6EE083)
YUV	179.3120, -23.8178, -60.7866
Hunter-Lab	76.3315, -46.6288, 29.5400

Details

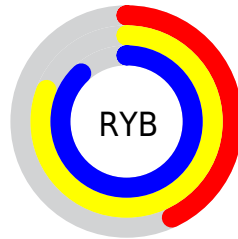
The Hex color **6EE083** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E06ECB**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A8FFB9**, and **2FA850** is the 20% darker color. If you saturate the color by 10%, you get **58E071**, and if you desaturate by 10%, it is **84E095**.

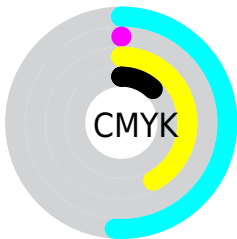
Distribution



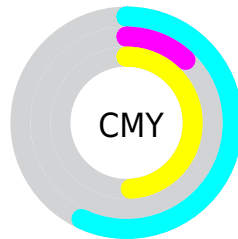
- Red (43%)
- Green (88%)
- Blue (51%)



- Red (43%)
- Yellow (81%)
- Blue (88%)



- Cyan (51%)
- Magenta (0%)
- Yellow (42%)
- Black (12%)



- Cyan (57%)
- Magenta (12%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EE083 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 6EE083 by changing the saturation by 10% instead.

 6EE083

 6EE083

FFFFFF

 50C469

 A8FFB9

 2FA850

 C5FFD5

 008D37

 E3FFF2

 00721F

 005904

 004000

 002A00

 000600

 000000

 6EE083

 6EE083

 58E071

 84E095

 41E05E

 9BE0A8

 2BE04C

 B1E0BA

 14E03A

 C8E0CC

 00E029

 DEE0DE

 F4E0F1

 FFE0FF

Harmonies

Analogous

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



B8D458



6EE083



00E6BD

Triad

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



6EE083



19D2FF



FF9A9A

Complementary

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



6EE083



E06ECB

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.



FF96D4



6EE083



BDBDFF

Square

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



6EE083



00E0FF



FFA5FF



FFAC69

Rectangle

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



6EE083



00E6E6



FFA5FF



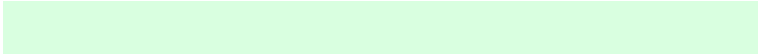
FF96AD

Sweetspot

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



6EE083



D9FFE0



CBE06E



69806D



000000



808080

Same Dimension

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



6EE083



63FF80



6EE0BC



657067



00B020



003009

Inverse Universe

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



E06ECB



FF63E2



E06E92



70656E



B00090



300028

Previews

White Background



This preview shows how the Hex color 6EE083 looks on a white background.

Color Contrast Check

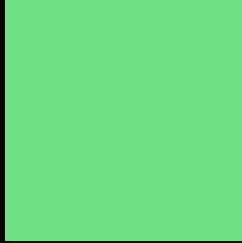
Large Text (above 18pt) WCAG AA × Fail

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 6EE083 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 6EE083 Background



This preview shows how black text looks on a background with the Hex color 6EE083.

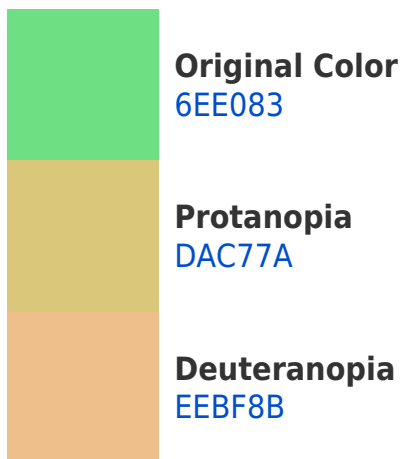


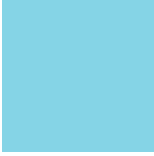
This preview shows how white text looks on a background with the Hex color 6EE083.

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



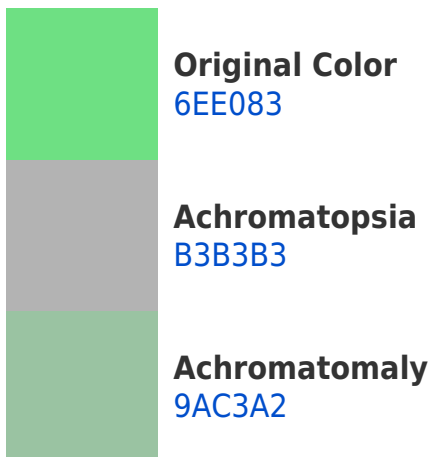


Tritanopia
85D4E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EE083 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 #6EE083 looks like.

```
.text, #text, p{  
    color:#6EE083  
}
```

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 #6EE083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EE083
}
```

Border

The CSS property to change the border of an element to Hex 6EE083 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
#6EE083 }
```

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

```
.border{ border-color:#6EE083 }
```

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

Here you see how a box with a 4 pixel #6EE083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EE083; -webkit-box-shadow:4px 4px  
4px 4px #6EE083; box-shadow:4px 4px 4px  
4px #6EE083 }
```

Background

The CSS property to change the background color of an element to Hex 6EE083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EE083 }
```

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

```
.background{ background-color:#6EE083 }
```

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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