

# Converting Colors

Hex(6DDEAB)

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

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# Color

**Hex(6DDEAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DDEAB
RGB	109, 222, 171
RGB Percent	43%, 87%, 67%
CMY	0.5725, 0.1294, 0.3294
CMYK	0.51, 0.00, 0.23, 0.13
HSL	153°, 63%, 65%
HSV	153°, 51%, 87%
XYZ	39.7786, 58.4340, 47.7104
YIQ	182.3990, -50.9770, -39.8170

# Conversions

## Conversions Part 2

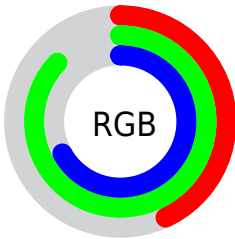
Format	Color
<a href="#">RYB</a>	<a href="#">109, 182, 222</a>
Decimal	<a href="#">7200427</a>
<a href="#">CIELab</a>	<a href="#">80.98, -44.01, 15.30</a>
<a href="#">CIElCh</a>	<a href="#">81, 46.596, 160.834</a>
<a href="#">Yxy</a>	<a href="#">58.4340, 0.2726, 0.4004</a>
Android (android.graphics.Color)	<a href="#">4285390507 (0xFF6DDEAB)</a>
<a href="#">YUV</a>	<a href="#">182.3990, -5.6197, -64.3709</a>
<a href="#">Hunter-Lab</a>	<a href="#">76.4422, -40.8867, 16.5044</a>

# Details

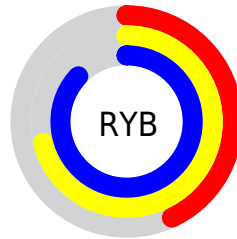
The Hex color **6DDEAB** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DE6DA0**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **A7FFE2**, and **2FA677** is the 20% darker color. If you saturate the color by 10%, you get **57DEA1**, and if you desaturate by 10%, it is **83DEB5**.

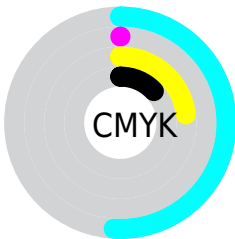
# Distribution



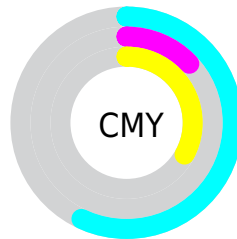
- Red (43%)
- Green (87%)
- Blue (67%)



- Red (43%)
- Yellow (71%)
- Blue (87%)



- Cyan (51%)
- Magenta (0%)
- Yellow (23%)
- Black (13%)



- Cyan (57%)
- Magenta (13%)
- Yellow (33%)

# Brightness & Saturation Gradients

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



 6DDEAB

 6DDEAB

FFFFFF

 4FC290

 A7FFE2

 2FA677

 C4FFFF

 008B5E

 E2FFFF

 007146

 00582F

 003F1A

 002A01

 000700

 000000

 6DDEAB

 6DDEAB

 57DEA1

 83DEB5

 41DE97

 99DEBF

 2ADE8D

 B0DEC9

 14DE83

 C6DED3

 00DE7A

 DCDEDD

 F2DEE7

 FFDEF1

 FFDEFB

 FFDEFF

# Harmonies

## Analogous

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



A6D785



6DDEAB



0AE0D8

# Triad

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



6DDEAB



A2C8FF



FFAE92

# Complementary

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



6DDEAB



DE6DA0

# 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.



FFA6BB



6DDEAB



E2B8FF

# Square

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



6DDEAB



4CD5FF



FFAAE7



FDBD77

# Rectangle

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



6DDEAB



00DFF4



FFAAE7



FFAB9F

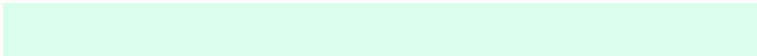


# Sweetspot

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



6DDEAB



D9FFEE



A2DE6D



698075



000000



808080



# Same Dimension

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



6DDEAB



63FFB9



6DDADE



65706B



00B061



00301B



# Inverse Universe

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



DE6DA0



FF63AA



DE716D



70656A



B0004F

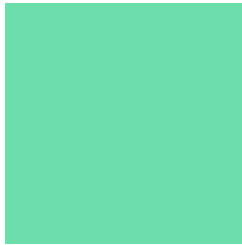


300016



# Previews

## White Background



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

## Color Contrast Check

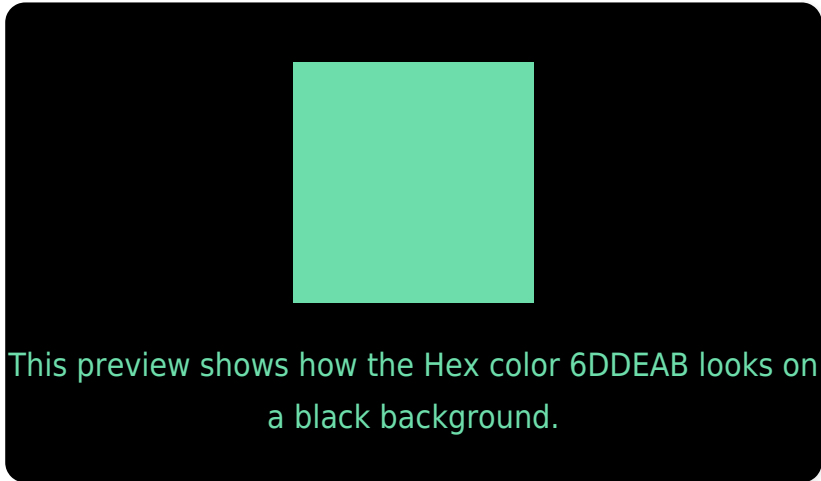
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

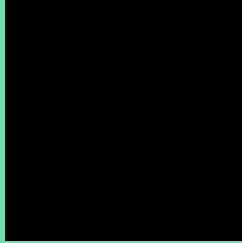
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6DDEAB Background



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

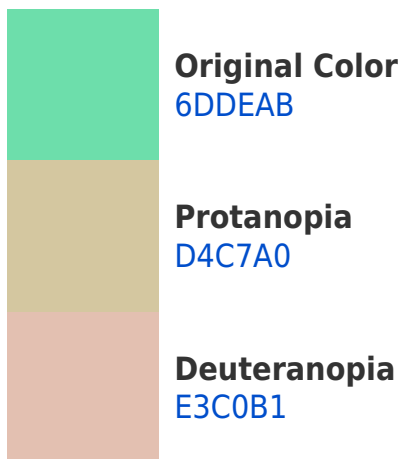


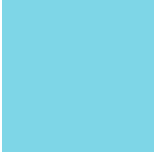
This preview shows how white text looks on a background with the Hex color 6DDEAB.

# 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**  
7ED6E7

# Trichromacy



**Original Color**  
6DDEAB



**Protanomaly**  
AFCFA4



**Deuteranomaly**  
B8CBAF



**Tritanomaly**  
78D9D1

# Monochromacy



**Original Color**  
6DDEAB



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
9BC5B2

# CSS Examples

## Text

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

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

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 #6DDEAB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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