

Converting Colors

Hex(65E6AE)

Have a look what the booklet for
Hex(65E6AE) contains.

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Color

Hex(65E6AE)

Conversions

Conversions Part 1

Format	Color
Hex	65E6AE
RGB	101, 230, 174
RGB Percent	40%, 90%, 68%
CMY	0.6039, 0.0980, 0.3176
CMYK	0.56, 0.00, 0.24, 0.10
HSL	154°, 72%, 65%
HSV	154°, 56%, 90%
XYZ	41.3036, 62.4163, 49.9150
YIQ	185.0450, -58.9080, -44.7640

Conversions

Conversions Part 2

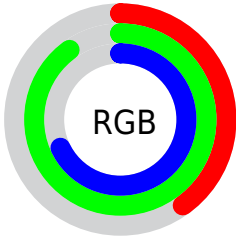
Format	Color
RYB	101, 183, 230
Decimal	6678190
CIELab	83.13, -48.58, 16.71
CIELCh	83, 51.375, 161.021
Yxy	62.4163, 0.2688, 0.4063
Android (android.graphics.Color)	4284868270 (0xFF65E6AE)
YUV	185.0450, -5.4452, -73.7075
Hunter-Lab	79.0040, -44.9365, 17.8432

Details

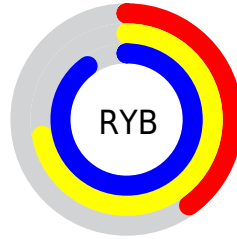
The Hex color **65E6AE** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **E6659D**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A1FFE6**, and **1DAE79** is the 20% darker color. If you saturate the color by 10%, you get **4EE6A4**, and if you desaturate by 10%, it is **7CE6B8**.

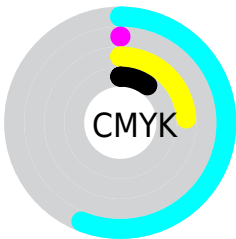
Distribution



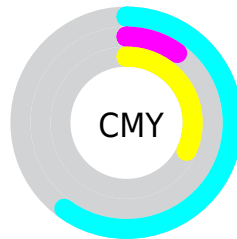
- Red (40%)
- Green (90%)
- Blue (68%)



- Red (40%)
- Yellow (72%)
- Blue (90%)



- Cyan (56%)
- Magenta (0%)
- Yellow (24%)
- Black (10%)



- Cyan (60%)
- Magenta (10%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65E6AE 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 65E6AE by changing the saturation by 10% instead.

 65E6AE

 65E6AE

FFFFFF

 45C993

 A1FFE6

 1DAE79

 BEFFFF

 009261

 DCFFFF

 007849

 FBFFFF

 005E32

 00451C

 002F04

 001300

 000000

 65E6AE

 65E6AE

 4EE6A4

 7CE6B8

 37E69A

 93E6C2

 20E690

 AAE6CC

 09E686

 C1E6D6

 00E682

 D8E6E0

 EFE6EA

 FFE6F4

 FFE6FE

 FFE6FF

Harmonies

Analogous

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



A7DF84



65E6AE



00E8E0

Triad

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



65E6AE



A2CEFF



FFB192

Complementary

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



65E6AE



E6659D

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.



FFA8BF



65E6AE



EBBCFF

Square

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



65E6AE



2FDDFF



FFACF0



FFC174

Rectangle

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



65E6AE



00E7FF



FFACF0



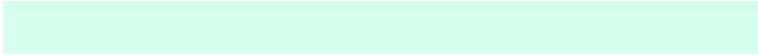
FFADA0

Sweetspot

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



65E6AE



D4FFEC



9FE665



668074



000000



808080

Same Dimension

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



65E6AE



54FFB5



65E0E6



67736E



00B365



00331D

Inverse Universe

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



E6659D



FF549E



E66B65



73676C



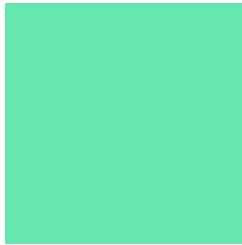
B3004D



330016

Previews

White Background



This preview shows how the Hex color 65E6AE looks on a white background.

Color Contrast Check

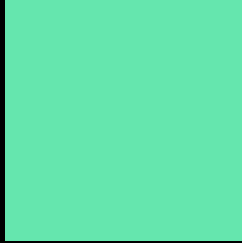
Large Text (above 18pt) WCAG AA × Fail

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 65E6AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

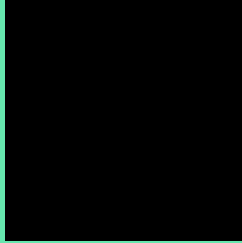
Any Text WCAG AA ✓ Pass

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 65E6AE Background



This preview shows how black text looks on a background with the Hex color 65E6AE.

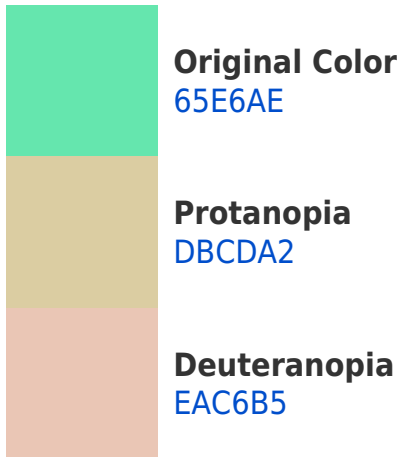


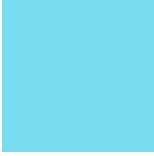
This preview shows how white text looks on a background with the Hex color 65E6AE.

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
79DDEF

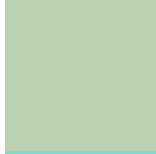
Trichromacy



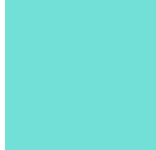
Original Color
65E6AE



Protanomaly
B0D6A6



Deuteranomaly
BAD2B2

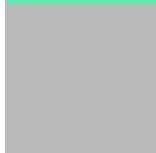


Tritanomaly
72E0D7

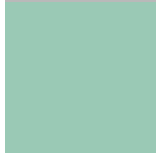
Monochromacy



Original Color
65E6AE



Achromatopsia
B9B9B9



Achromatomaly
9AC9B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 65E6AE 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 #65E6AE looks like.

```
.text, #text, p{  
    color:#65E6AE  
}
```

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 #65E6AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65E6AE
}
```

Border

The CSS property to change the border of an element to Hex 65E6AE 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
#65E6AE }
```

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

```
.border{ border-color:#65E6AE }
```

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

Here you see how a box with a 4 pixel #65E6AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65E6AE; -webkit-box-shadow:4px 4px  
4px 4px #65E6AE; box-shadow:4px 4px 4px  
4px #65E6AE }
```

Background

The CSS property to change the background color of an element to Hex 65E6AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65E6AE }
```

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

```
.background{ background-color:#65E6AE }
```

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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