

Converting Colors

Hex(65E288)

Have a look what the booklet for
Hex(65E288) contains.

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Color

Hex(65E288)

Conversions

Conversions Part 1

Format	Color
Hex	65E288
RGB	101, 226, 136
RGB Percent	40%, 89%, 53%
CMY	0.6039, 0.1137, 0.4667
CMYK	0.55, 0.00, 0.40, 0.11
HSL	137°, 68%, 64%
HSV	137°, 55%, 89%
XYZ	37.0071, 58.9370, 32.7181
YIQ	178.3650, -45.6100, -54.4900

Conversions

Conversions Part 2

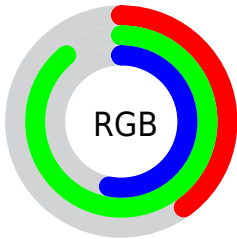
Format	Color
RYB	101, 199, 226
Decimal	6677128
CIELab	81.26, -54.10, 33.73
CIElCh	81, 63.755, 148.064
Yxy	58.9370, 0.2876, 0.4581
Android (android.graphics.Color)	4284867208 (0xFF65E288)
YUV	178.3650, -20.8859, -67.8491
Hunter-Lab	76.7704, -48.3025, 28.4711

Details

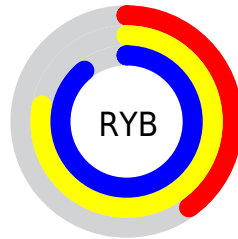
The Hex color **65E288** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E265BF**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A0FFBE**, and **1FAA55** is the 20% darker color. If you saturate the color by 10%, you get **4EE278**, and if you desaturate by 10%, it is **7CE298**.

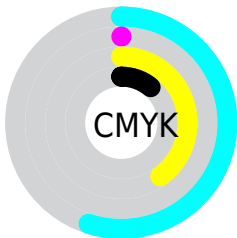
Distribution



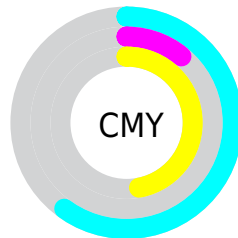
- Red (40%)
- Green (89%)
- Blue (53%)



- Red (40%)
- Yellow (78%)
- Blue (89%)



- Cyan (55%)
- Magenta (0%)
- Yellow (40%)
- Black (11%)



- Cyan (60%)
- Magenta (11%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65E288 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 65E288 by changing the saturation by 10% instead.

 65E288

 65E288

FFFFFF

 46C56E

 A0FFBE

 1FAA55

 BEFFDA

 008E3C

 DCFFF7

 007424

 FAFFFF

 005A0B

 004100

 002B00

 000900

 000000

 65E288

 65E288

 4EE278

 7CE298

 38E267

 92E2A9

 21E257

 A9E2B9

 0BE247

 BFE2C9

 00E23F

 D6E2D9

 EDE2EA

 FFE2FA

 FFE2FF

Harmonies

Analogous

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



B3D75B



65E288



00E7C4

Triad

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



65E288



39D2FF



FF9B95

Complementary

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



65E288



E265BF

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.



FF96D0



65E288



C6BCFF

Square

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



65E288



00E0FF



FFA4FF



FFAF65

Rectangle

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



65E288



00E7ED



FFA4FF



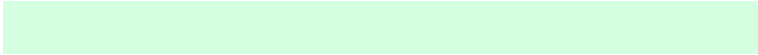
FF97A8

Sweetspot

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



65E288



D4FFE0



C1E265



66806D



000000



808080

Same Dimension

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



65E288



57FF86



65E2C5



657068



00B031



00300E

Inverse Universe

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



E265BF



FF57D0



E26582



70656D



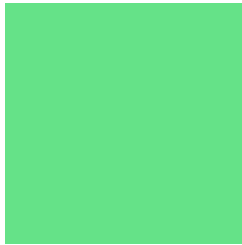
B0007F



300023

Previews

White Background



This preview shows how the Hex color 65E288 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 65E288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

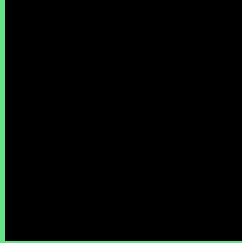
Any Text WCAG AA ✓ Pass

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 65E288 Background



This preview shows how black text looks on a background with the Hex color 65E288.

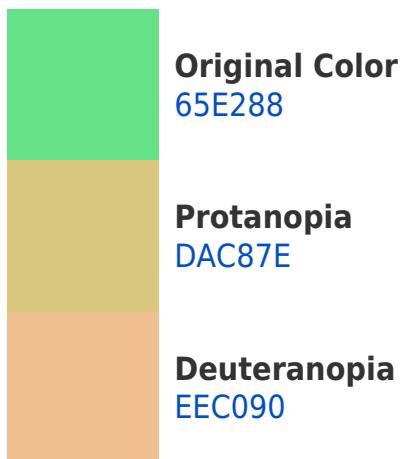


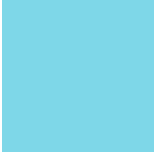
This preview shows how white text looks on a background with the Hex color 65E288.

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



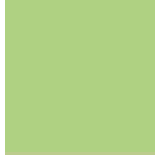


Tritanopia
7ED7E8

Trichromacy



Original Color
65E288



Protanomaly
AFD182



Deuteranomaly
BCCC8D



Tritanomaly
75DBC5

Monochromacy



Original Color
65E288



Achromatopsia
B2B2B2



Achromatomaly
96C3A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 65E288 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 #65E288 looks like.

```
.text, #text, p{  
    color:#65E288  
}
```

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 #65E288 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65E288
}
```

Border

The CSS property to change the border of an element to Hex 65E288 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
#65E288 }
```

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

```
.border{ border-color:#65E288 }
```

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

Here you see how a box with a 4 pixel #65E288 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65E288; -webkit-box-shadow:4px 4px  
4px 4px #65E288; box-shadow:4px 4px 4px  
4px #65E288 }
```

Background

The CSS property to change the background color of an element to Hex 65E288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65E288 }
```

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

```
.background{ background-color:#65E288 }
```

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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