

Converting Colors

Hex(36DE8E)

Have a look what the booklet for
Hex(36DE8E) contains.

Hex(36DE8E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(36DE8E)

Conversions

Conversions Part 1

Format	Color
Hex	36DE8E
RGB	54, 222, 142
RGB Percent	21%, 87%, 56%
CMY	0.7882, 0.1294, 0.4431
CMYK	0.76, 0.00, 0.36, 0.13
HSL	151°, 72%, 54%
HSV	151°, 76%, 87%
XYZ	32.5251, 54.9798, 34.4891
YIQ	162.6480, -74.4480, -60.4960

Conversions

Conversions Part 2

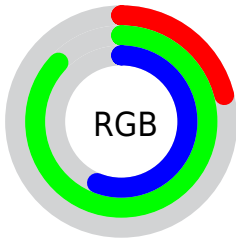
Format	Color
RYB	54, 164, 222
Decimal	3595918
CIELab	79.03, -59.88, 27.51
CIELCh	79, 65.900, 155.326
Yxy	54.9798, 0.2666, 0.4507
Android (android.graphics.Color)	4281785998 (0xFF36DE8E)
YUV	162.6480, -10.1795, -95.2843
Hunter-Lab	74.1484, -51.4609, 24.3259

Details

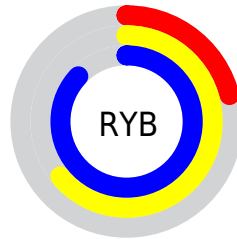
The Hex color **36DE8E** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DE3686**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **7DFFC4**, and **00A55B** is the 20% darker color. If you saturate the color by 10%, you get **20DE83**, and if you desaturate by 10%, it is **4CDE99**.

Distribution



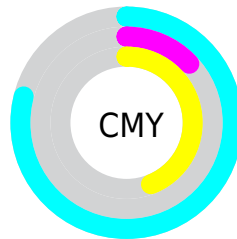
- Red (21%)
- Green (87%)
- Blue (56%)



- Red (21%)
- Yellow (64%)
- Blue (87%)



- Cyan (76%)
- Magenta (0%)
- Yellow (36%)
- Black (13%)



- Cyan (79%)
- Magenta (13%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36DE8E 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 36DE8E by changing the saturation by 10% instead.



36DE8E



36DE8E

FFFFFF



00C174



7DFFC4



00A55B



9CFFE0



008A43



BBFFFD



00702B



DAFFFF



005614



F8FFFF



003D00



002500



000000



36DE8E



36DE8E

 20DE83

 4CDE99

 0ADE79

 62DEA3

 00DE74

 79DEAE

 8FDEB8

 A5DEC3

 BBDECD

 D1DED8

 E8DEE3

 FEDEED

Harmonies

Analogous

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



9BD45A



36DE8E



00E2CD

Triad

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



36DE8E



5BC7FF



FF9780

Complementary

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



36DE8E



DE3686

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.



FF8CBB



36DE8E



D5AFFF

Square

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



36DE8E



00D8FF



FF97F8



FFAE52

Rectangle

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



36DE8E



00E1F6



FF97F8



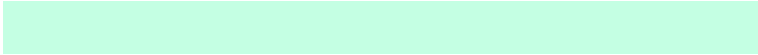
FF9193

Sweetspot

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



36DE8E



C4FFE3



87DE36



5C806F



000000



808080

Same Dimension

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



36DE8E



17FF91



36DBDE



65706B



00B05C



003019

Inverse Universe

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



DE3686



FF1785



DE3936



70656A



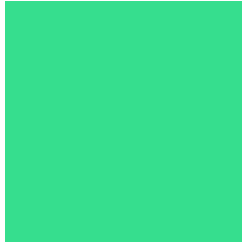
B00054



300017

Previews

White Background



This preview shows how the Hex color 36DE8E looks on a white background.

Color Contrast Check

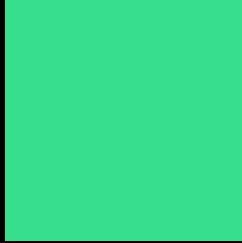
Large Text (above 18pt) WCAG AA × Fail

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 36DE8E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

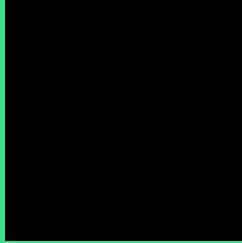
Any Text WCAG AA ✓ Pass

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 36DE8E Background



This preview shows how black text looks on a background with the Hex color 36DE8E.

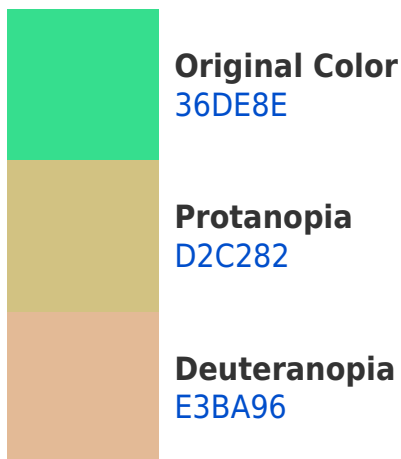


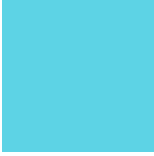
This preview shows how white text looks on a background with the Hex color 36DE8E.

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
5DD3E5

Trichromacy



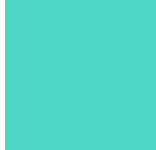
Original Color
36DE8E



Protanomaly
99CC86



Deuteranomaly
A4C793

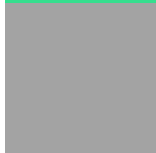


Tritanomaly
4FD7C5

Monochromacy



Original Color
36DE8E



Achromatopsia
A3A3A3



Achromatomaly
7BB89B

CSS Examples

Text

The CSS property to change the color of the text to Hex 36DE8E 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 #36DE8E looks like.

```
.text, #text, p{  
    color:#36DE8E  
}
```

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 #36DE8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36DE8E
}
```

Border

The CSS property to change the border of an element to Hex 36DE8E 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
#36DE8E }
```

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

```
.border{ border-color:#36DE8E }
```

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

Here you see how a box with a 4 pixel #36DE8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36DE8E; -webkit-box-shadow:4px 4px  
4px 4px #36DE8E; box-shadow:4px 4px 4px  
4px #36DE8E }
```

Background

The CSS property to change the background color of an element to Hex 36DE8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36DE8E }
```

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

```
.background{ background-color:#36DE8E }
```

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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