

Converting Colors

Hex(35AB8E)

Have a look what the booklet for
Hex(35AB8E) contains.

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Color

Hex(35AB8E)

Conversions

Conversions Part 1

Format	Color
Hex	35AB8E
RGB	53, 171, 142
RGB Percent	21%, 67%, 56%
CMY	0.7922, 0.3294, 0.4431
CMYK	0.69, 0.00, 0.17, 0.33
HSL	165°, 53%, 44%
HSV	165°, 69%, 67%
XYZ	20.9136, 31.8357, 30.6338
YIQ	132.4120, -61.0190, -34.0350

Conversions

Conversions Part 2

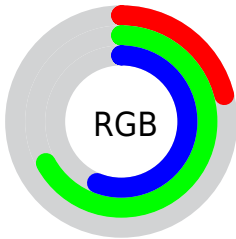
Format	Color
RYB	53, 120, 171
Decimal	3517326
CIELab	63.21, -39.55, 5.51
CIELCh	63, 39.935, 172.067
Yxy	31.8357, 0.2508, 0.3818
Android (android.graphics.Color)	4281707406 (0xFF35AB8E)
YUV	132.4120, 4.7269, -69.6443
Hunter-Lab	56.4231, -32.5783, 7.3059

Details

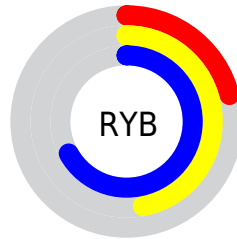
The Hex color **35AB8E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AB3552**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **73E3C4**, and **00765C** is the 20% darker color. If you saturate the color by 10%, you get **24AB8A**, and if you desaturate by 10%, it is **46AB92**.

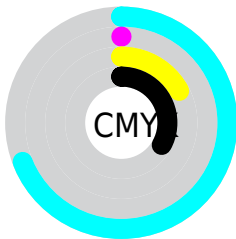
Distribution



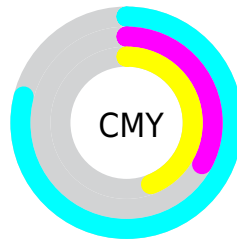
- Red (21%)
- Green (67%)
- Blue (56%)



- Red (21%)
- Yellow (47%)
- Blue (67%)



- Cyan (69%)
- Magenta (0%)
- Yellow (17%)
- Black (33%)



- Cyan (79%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35AB8E 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 35AB8E by changing the saturation by 10% instead.

 35AB8E

 35AB8E

FFFFFF

 019074

 73E3C4

 00765C

 90FFE0

 005C44

 ADFFFC

 00442E

 CAFFFF

 002D19

 E8FFFF

 001300

 000000

 35AB8E

 35AB8E

 24AB8A

 46AB92

■ 13AB86

■ 57AB96

■ 02AB81

■ 68AB9B

■ 00AB81

■ 79AB9F

■ 8AABA3

■ 9CABA7

■ ADABAB

■ BEABB0

■ CFABB4

Harmonies

Analogous

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



6CA76C



35AB8E



00ABB2

Triad

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



35AB8E



8E93DB



D18762

Complementary

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



35AB8E



AB3552

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.



DD7E80



35AB8E



BC86C5

Square

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



35AB8E



4D9FDF



D77DA4



B89452

Rectangle

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



35AB8E



00A9C8



D77DA4



D7836B

Sweetspot

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



35AB8E



AFDED2



52AB35



547069



F0F0F0



707070

Same Dimension

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



35AB8E



26DEB1



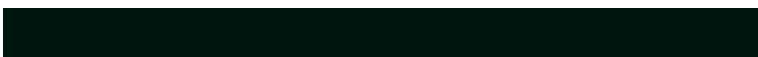
358DAB



4E5755



009671



001711

Inverse Universe

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



AB3552



DE2653



AB5235



574E50



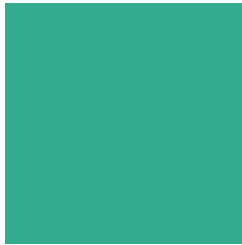
960025



170006

Previews

White Background



This preview shows how the Hex color 35AB8E looks on a white background.

Color Contrast Check

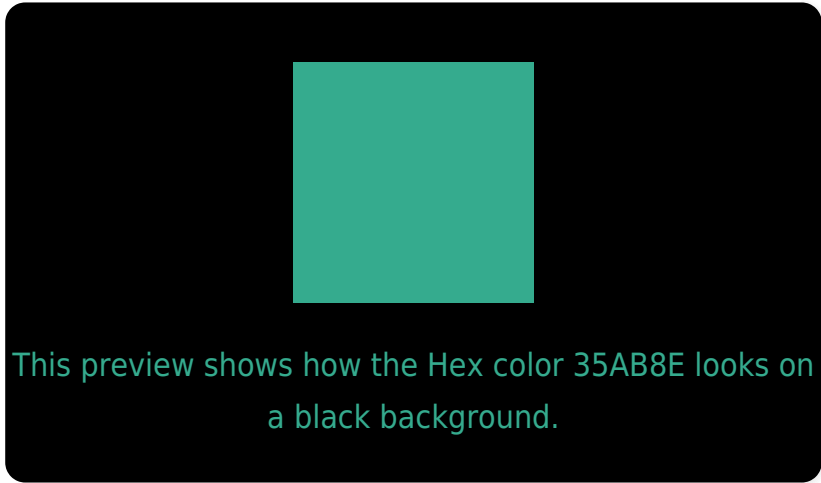
Large Text (above 18pt) WCAG AA × Fail

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 35AB8E Background



This preview shows how black text looks on a background with the Hex color 35AB8E.

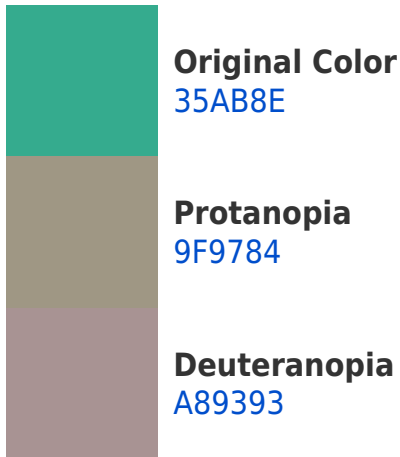


This preview shows how white text looks on a background with the Hex color 35AB8E.

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



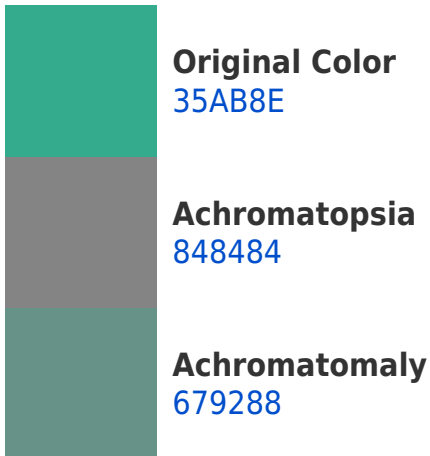


Tritanopia
46A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 35AB8E 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 #35AB8E looks like.

```
.text, #text, p{  
    color:#35AB8E  
}
```

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 #35AB8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35AB8E
}
```

Border

The CSS property to change the border of an element to Hex 35AB8E 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
#35AB8E }
```

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

```
.border{ border-color:#35AB8E }
```

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

Here you see how a box with a 4 pixel #35AB8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35AB8E; -webkit-box-shadow:4px 4px  
4px 4px #35AB8E; box-shadow:4px 4px 4px  
4px #35AB8E }
```

Background

The CSS property to change the background color of an element to Hex 35AB8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35AB8E }
```

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

```
.background{ background-color:#35AB8E }
```

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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