

Converting Colors

Hex(35A88F)

Have a look what the booklet for
Hex(35A88F) contains.

Hex(35A88F)	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(35A88F)

Conversions

Conversions Part 1

Format	Color
Hex	35A88F
RGB	53, 168, 143
RGB Percent	21%, 66%, 56%
CMY	0.7922, 0.3412, 0.4392
CMYK	0.68, 0.00, 0.15, 0.34
HSL	167°, 52%, 43%
HSV	167°, 68%, 66%
XYZ	20.4288, 30.7453, 30.8443
YIQ	130.7650, -60.5150, -32.1550

Conversions

Conversions Part 2

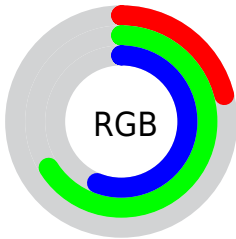
Format	Color
RYB	53, 118, 168
Decimal	3516559
CIELab	62.29, -37.96, 3.63
CIElCh	62, 38.134, 174.531
Yxy	30.7453, 0.2491, 0.3749
Android (android.graphics.Color)	4281706639 (0xFF35A88F)
YUV	130.7650, 6.0319, -68.1999
Hunter-Lab	55.4485, -31.2704, 5.8327

Details

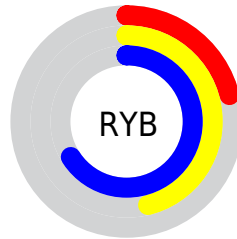
The Hex color **35A88F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A8354E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **72E0C5**, and **00735D** is the 20% darker color. If you saturate the color by 10%, you get **24A88B**, and if you desaturate by 10%, it is **46A893**.

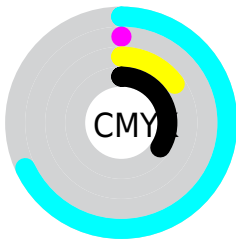
Distribution



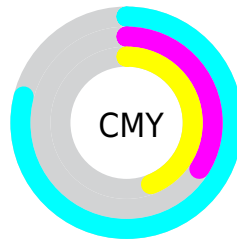
- Red (21%)
- Green (66%)
- Blue (56%)



- Red (21%)
- Yellow (46%)
- Blue (66%)



- Cyan (68%)
- Magenta (0%)
- Yellow (15%)
- Black (34%)



- Cyan (79%)
- Magenta (34%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35A88F 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 35A88F by changing the saturation by 10% instead.

 35A88F

 35A88F

FFFFFF

 038D75

 72E0C5

 00735D

 8FFDE1

 005A45


 ACFFFD

 00422F

 CAFFFF

 002B1A

 E7FFFF

 000F00

 000000

 35A88F

 35A88F

 24A88B

 46A893

■ 13A888

■ 57A896

■ 03A884

■ 67A89A

■ 00A883

■ 78A89E

■ 89A8A1

■ 9AA8A5

■ ABA8A9

■ BBA8AC

■ CCA8B0

Harmonies

Analogous

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



68A46E



35A88F



00A8B2

Triad

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



35A88F



9190D4



CB8761

Complementary

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



35A88F



A8354E

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.



D77D7C



35A88F



BB84BE

Square

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



35A88F



569CD9



D37C9E



B29253

Rectangle

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



35A88F



00A6C5



D37C9E



D18369

Sweetspot

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



35A88F



ADD8E6



50A835



526E68



EDEDED



6E6E6E

Same Dimension

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



35A88F



27DBB4



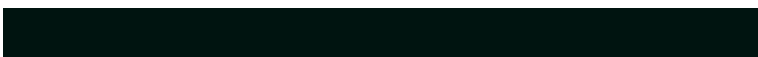
3589A8



4C5452



009474



001410

Inverse Universe

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



A8354E



DB274F



A85435



544C4E



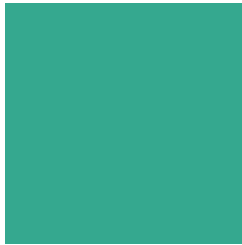
940020



140004

Previews

White Background



This preview shows how the Hex color 35A88F looks on a white background.

Color Contrast Check

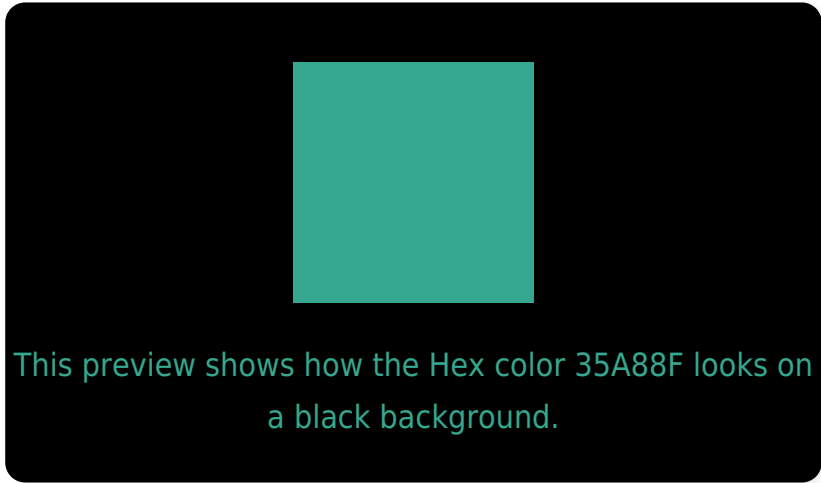
Large Text (above 18pt) WCAG AA × Fail

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

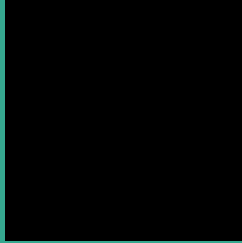
Any Text WCAG AA ✓ Pass

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 35A88F Background



This preview shows how black text looks on a background with the Hex color 35A88F.

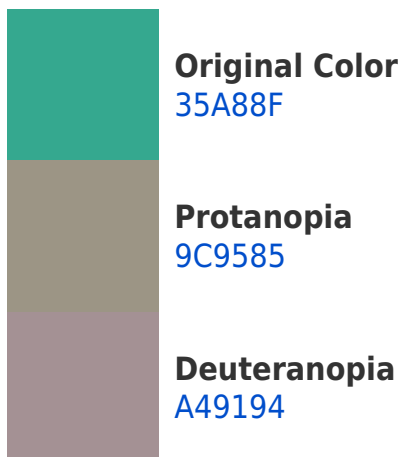


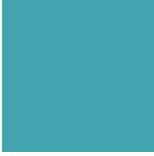
This preview shows how white text looks on a background with the Hex color 35A88F.

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
45A3B1

Trichromacy



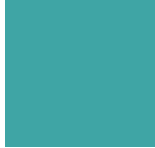
Original Color
35A88F



Protanomaly
779C89



Deuteranomaly
7C9992



Tritanomaly
3FA5A5

Monochromacy



Original Color
35A88F



Achromatopsia
838383



Achromatomaly
679087

CSS Examples

Text

The CSS property to change the color of the text to Hex 35A88F 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 #35A88F looks like.

```
.text, #text, p{  
    color:#35A88F  
}
```

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 #35A88F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35A88F
}
```

Border

The CSS property to change the border of an element to Hex 35A88F 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
#35A88F }
```

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

```
.border{ border-color:#35A88F }
```

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

Here you see how a box with a 4 pixel #35A88F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35A88F; -webkit-box-shadow:4px 4px  
4px 4px #35A88F; box-shadow:4px 4px 4px  
4px #35A88F }
```

Background

The CSS property to change the background color of an element to Hex 35A88F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35A88F }
```

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

```
.background{ background-color:#35A88F }
```

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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