

Converting Colors

Hex(35A688)

Have a look what the booklet for
Hex(35A688) contains.

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Color

Hex(35A688)

Conversions

Conversions Part 1

Format	Color
Hex	35A688
RGB	53, 166, 136
RGB Percent	21%, 65%, 53%
CMY	0.7922, 0.3490, 0.4667
CMYK	0.68, 0.00, 0.18, 0.35
HSL	164°, 52%, 43%
HSV	164°, 68%, 65%
XYZ	19.5484, 29.8069, 28.0156
YIQ	128.7930, -57.7180, -33.2860

Conversions

Conversions Part 2

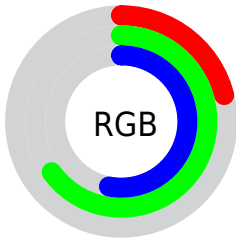
Format	Color
RYB	53, 118, 166
Decimal	3516040
CIELab	61.49, -38.86, 6.39
CIELCh	61, 39.380, 170.658
Yxy	29.8069, 0.2527, 0.3852
Android (android.graphics.Color)	4281706120 (0xFF35A688)
YUV	128.7930, 3.5531, -66.4705
Hunter-Lab	54.5957, -31.6293, 7.7926

Details

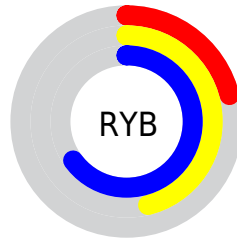
The Hex color **35A688** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A63553**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **72DEBD**, and **007156** is the 20% darker color. If you saturate the color by 10%, you get **24A684**, and if you desaturate by 10%, it is **46A68C**.

Distribution



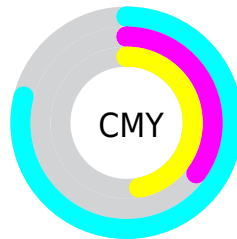
- Red (21%)
- Green (65%)
- Blue (53%)



- Red (21%)
- Yellow (46%)
- Blue (65%)



- Cyan (68%)
- Magenta (0%)
- Yellow (18%)
- Black (35%)



- Cyan (79%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35A688 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 35A688 by changing the saturation by 10% instead.



35A688



35A688

FFFFFF



058B6F



72DEBD



007156



8EFBD9



00583F



ABFFF6



004029



C9FFFF



002A15



E6FFFF



000A00



000000



35A688



35A688



24A684



46A68C

■ 14A67F

■ 56A691

■ 03A67B

■ 67A695

■ 00A67A

■ 77A69A

■ 88A69E

■ 99A6A2

■ A9A6A7

■ BAA6AB

■ CAA6B0

Harmonies

Analogous

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



6AA267



35A688



00A7AC

Triad

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



35A688



8790D6



CC8260

Complementary

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



35A688



A63553

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.



D77A7E



35A688



B582C1

Square

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



35A688



459BD9



D079A1



B48F4F

Rectangle

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



35A688



00A5C1



D079A1



D27F69

Sweetspot

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



35A688



ADD9CD



53A635



536E67



EDEDED



6E6E6E

Same Dimension

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



35A688



27D9AA



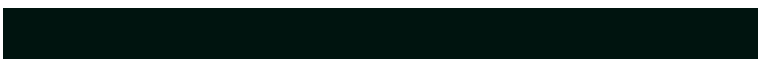
358CA6



4C5452



00946D



00140F

Inverse Universe

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



A63553



D92756



A64F35



544C4E



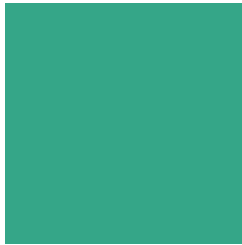
940027



140005

Previews

White Background



This preview shows how the Hex color 35A688 looks on a white background.

Color Contrast Check

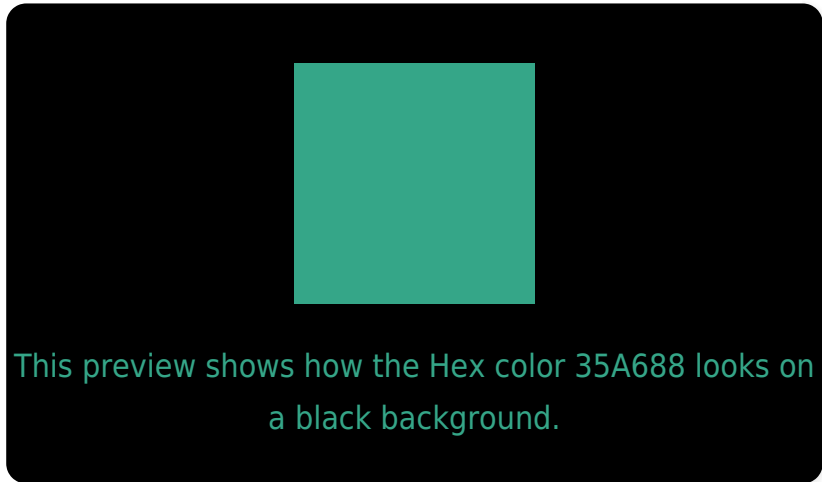
Large Text (above 18pt) WCAG AA ✓ Pass

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

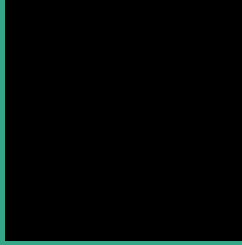
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 35A688 Background



This preview shows how black text looks on a background with the Hex color 35A688.

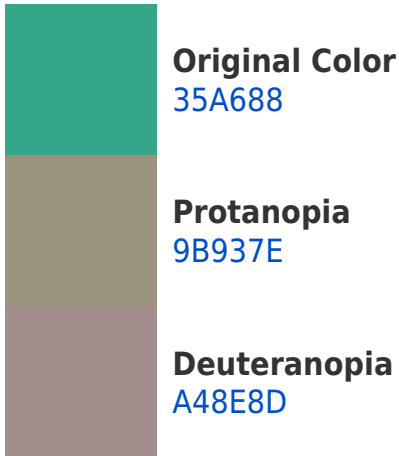


This preview shows how white text looks on a background with the Hex color 35A688.

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
46A1AE

Trichromacy



Original Color
35A688



Protanomaly
769A82



Deuteranomaly
7C978B



Tritanomaly
40A3A0

Monochromacy



Original Color
35A688



Achromatopsia
818181



Achromatomaly
658E84

CSS Examples

Text

The CSS property to change the color of the text to Hex 35A688 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 #35A688 looks like.

```
.text, #text, p{  
    color:#35A688  
}
```

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 #35A688 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35A688
}
```

Border

The CSS property to change the border of an element to Hex 35A688 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
#35A688 }
```

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

```
.border{ border-color:#35A688 }
```

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

Here you see how a box with a 4 pixel #35A688 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35A688; -webkit-box-shadow:4px 4px  
4px 4px #35A688; box-shadow:4px 4px 4px  
4px #35A688 }
```

Background

The CSS property to change the background color of an element to Hex 35A688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35A688 }
```

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

```
.background{ background-color:#35A688 }
```

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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