

Converting Colors

Hex(35A876)

Have a look what the booklet for
Hex(35A876) contains.

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Color

Hex(35A876)

Conversions

Conversions Part 1

Format	Color
Hex	35A876
RGB	53, 168, 118
RGB Percent	21%, 66%, 46%
CMY	0.7922, 0.3412, 0.5373
CMYK	0.68, 0.00, 0.30, 0.34
HSL	154°, 52%, 43%
HSV	154°, 68%, 66%
XYZ	18.7408, 30.0702, 21.9559
YIQ	127.9150, -52.4900, -39.9300

Conversions

Conversions Part 2

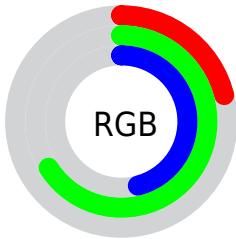
Format	Color
RYB	53, 126, 168
Decimal	3516534
CIELab	61.71, -43.96, 16.71
CIELCh	62, 47.028, 159.187
Yxy	30.0702, 0.2648, 0.4249
Android (android.graphics.Color)	4281706614 (0xFF35A876)
YUV	127.9150, -4.8881, -65.7005
Hunter-Lab	54.8363, -34.9593, 14.6462

Details

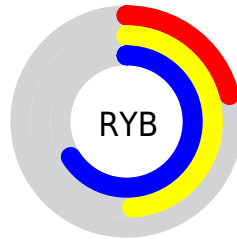
The Hex color **35A876** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A83567**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **71E0AA**, and **007345** is the 20% darker color. If you saturate the color by 10%, you get **24A86F**, and if you desaturate by 10%, it is **46A87D**.

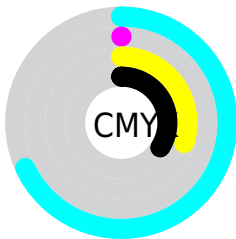
Distribution



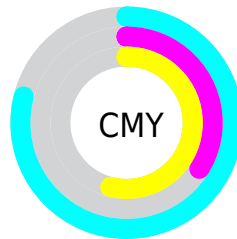
- Red (21%)
- Green (66%)
- Blue (46%)



- Red (21%)
- Yellow (49%)
- Blue (66%)



- Cyan (68%)
- Magenta (0%)
- Yellow (30%)
- Black (34%)



- Cyan (79%)
- Magenta (34%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35A876 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 35A876 by changing the saturation by 10% instead.

 35A876

 35A876

FFFFFF

 068D5D

 71E0AA

 007345

 8EFDC6

 00592F

 ABFFE2

 004119

 C8FFFE

 002B00

 E6FFFF

 000C00

 000000

 35A876

 35A876

 24A86F

 46A87D

■ 13A867

■ 57A885

■ 03A860

■ 67A88C

■ 00A85F

■ 78A893

■ 89A89B

■ 9AA8A2

■ ABA8A9

■ BBA8B0

■ CCA8B8

Harmonies

Analogous

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



74A252



35A876



00AAA1

Triad

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



35A876



6595E7



DD7A63

Complementary

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



35A876



A83567

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.



E3728A



35A876



A985D6

Square

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



35A876



00A1E2



D276B4



C58846

Rectangle

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



35A876



00A9BC



D276B4



E1766F

Sweetspot

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



35A876



ADD8E6



69A835



526E62



EDEDED



6E6E6E

Same Dimension

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



35A876



27DB8D



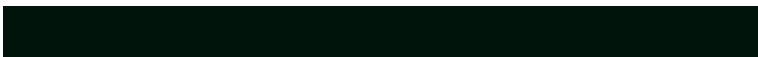
35A2A8



4C5450



009454



00140C

Inverse Universe

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



A83567



DB2776



A83B35



544C4F



940040



140009

Previews

White Background



This preview shows how the Hex color 35A876 looks on a white background.

Color Contrast Check

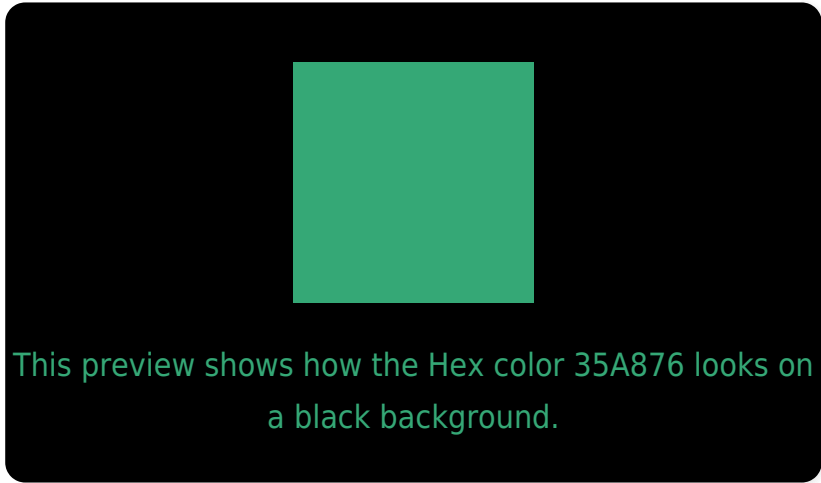
Large Text (above 18pt) WCAG AA × Fail

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

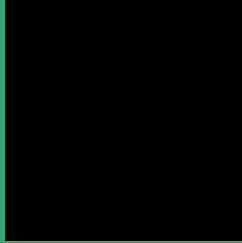
Any Text WCAG AA ✓ Pass

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 35A876 Background



This preview shows how black text looks on a background with the Hex color 35A876.

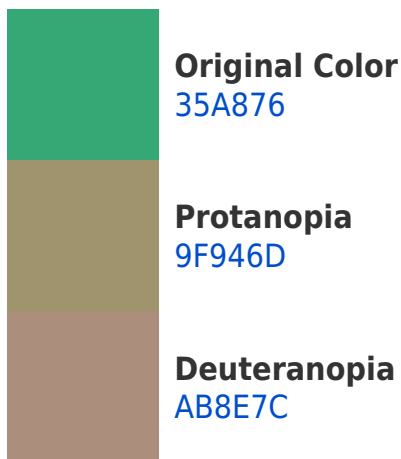


This preview shows how white text looks on a background with the Hex color 35A876.

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
4BA1AE

Trichromacy



Original Color
35A876



Protanomaly
789B70



Deuteranomaly
80977A



Tritanomaly
43A49A

Monochromacy



Original Color
35A876



Achromatopsia
808080



Achromatomaly
658F7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 35A876 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 #35A876 looks like.

```
.text, #text, p{  
    color:#35A876  
}
```

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 #35A876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35A876
}
```

Border

The CSS property to change the border of an element to Hex 35A876 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
#35A876 }
```

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

```
.border{ border-color:#35A876 }
```

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

Here you see how a box with a 4 pixel #35A876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35A876; -webkit-box-shadow:4px 4px  
4px 4px #35A876; box-shadow:4px 4px 4px  
4px #35A876 }
```

Background

The CSS property to change the background color of an element to Hex 35A876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35A876 }
```

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

```
.background{ background-color:#35A876 }
```

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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