

Converting Colors

Hex(34835A)

Have a look what the booklet for
Hex(34835A) contains.

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Color

Hex(34835A)

Conversions

Conversions Part 1

Format	Color
Hex	34835A
RGB	52, 131, 90
RGB Percent	20%, 51%, 35%
CMY	0.7961, 0.4863, 0.6471
CMYK	0.60, 0.00, 0.31, 0.49
HSL	149°, 43%, 36%
HSV	149°, 60%, 51%
XYZ	11.3779, 17.7008, 12.4898
YIQ	102.7050, -33.9230, -29.4990

Conversions

Conversions Part 2

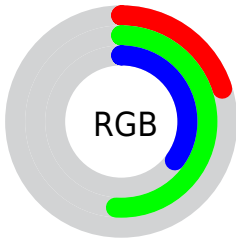
Format	Color
RYB	52, 105, 131
Decimal	3441498
CIELab	49.13, -34.32, 15.12
CIELCh	49, 37.499, 156.224
Yxy	17.7008, 0.2737, 0.4258
Android (android.graphics.Color)	4281631578 (0xFF34835A)
YUV	102.7050, -6.2636, -44.4683
Hunter-Lab	42.0724, -25.3536, 11.8496

Details

The Hex color **34835A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **83345D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6AB98C**, and **00512C** is the 20% darker color. If you saturate the color by 10%, you get **278353**, and if you desaturate by 10%, it is **418361**.

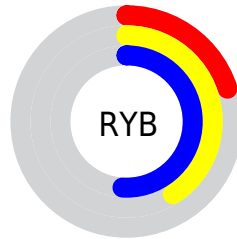
Distribution



Red (20%)

Green (51%)

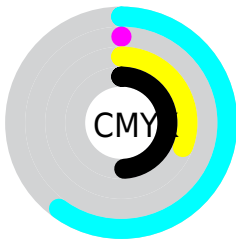
Blue (35%)



Red (20%)

Yellow (41%)

Blue (51%)

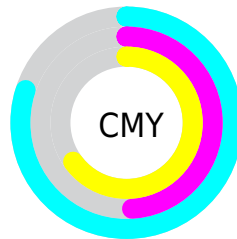


Cyan (60%)

Magenta (0%)

Yellow (31%)

Black (49%)



Cyan (80%)

Magenta (49%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34835A 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 34835A by changing the saturation by 10% instead.



34835A



34835A

FFFFFF



156942



6AB98C



00512C



85D5A7



003917



A1F1C2



002400



BDFE



000000



D9FFFA



F7FFFF



34835A



34835A



278353



418361

■ 1A834C

■ 4E8368

■ 0D8346

■ 5B836E

■ 00833F

■ 688375

■ 76837C

■ 838383

■ 90838A

■ 9D8390

■ AA8397

Harmonies

Analogous

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



607E40



34835A



00857B

Triad

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



34835A



4B76B4



AD5F51

Complementary

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



34835A



83345D

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.



B05A6F



34835A



806AA8

Square

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



34835A



007FAE



A15F8F



9C6A3B

Rectangle

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



34835A



008590



A15F8F



B05C5A

Sweetspot

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



34835A



8CAB9B



5E8334



44574D



D6D6D6



575757

Same Dimension

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



34835A



30AB6B



348380



3C423F



00823F



000301

Inverse Universe

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



83345D



AB3070



833437



423C3F



820043



030001

Previews

White Background



This preview shows how the Hex color 34835A looks on a white background.

Color Contrast Check

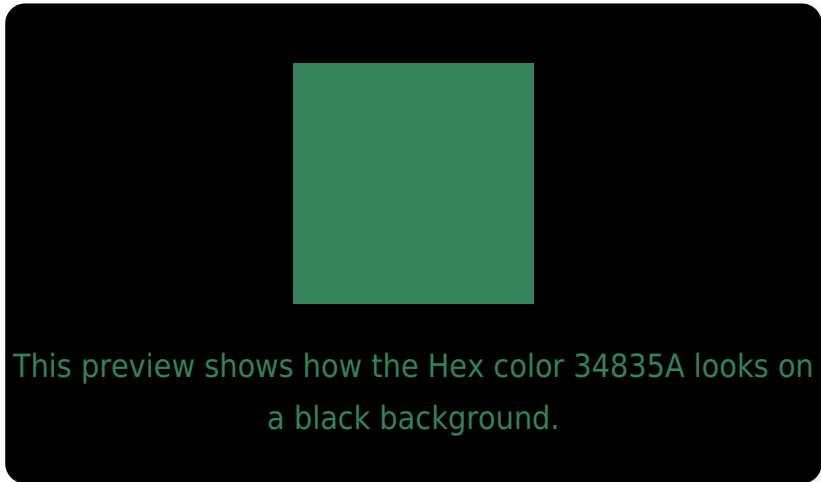
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

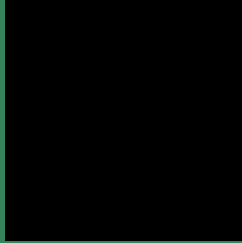
Any Text WCAG AA ✓ Pass

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 34835A Background



This preview shows how black text looks on a background with the Hex color 34835A.



This preview shows how white text looks on a background with the Hex color 34835A.

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



Original Color
34835A

Protanopia
7D7453

Deuteranopia
87705E



Tritanopia
427D87

Trichromacy



Original Color
34835A

Protanomaly
627956

Deuteranomaly
69775D

Tritanomaly
3D7F77

Monochromacy



Original Color
34835A

Achromatopsia
676767

Achromatomaly
547162

CSS Examples

Text

The CSS property to change the color of the text to Hex 34835A 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 #34835A looks like.

```
.text, #text, p{  
    color:#34835A  
}
```

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 #34835A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34835A
}
```

Border

The CSS property to change the border of an element to Hex 34835A 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
#34835A }
```

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

```
.border{ border-color:#34835A }
```

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

Here you see how a box with a 4 pixel #34835A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34835A; -webkit-box-shadow:4px 4px  
4px 4px #34835A; box-shadow:4px 4px 4px  
4px #34835A }
```

Background

The CSS property to change the background color of an element to Hex 34835A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34835A }
```

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

```
.background{ background-color:#34835A }
```

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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