

Converting Colors

Hex(36AC9F)

Have a look what the booklet for
Hex(36AC9F) contains.

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Color

Hex(36AC9F)

Conversions

Conversions Part 1

Format	Color
Hex	36AC9F
RGB	54, 172, 159
RGB Percent	21%, 67%, 62%
CMY	0.7882, 0.3255, 0.3765
CMYK	0.69, 0.00, 0.08, 0.33
HSL	173°, 52%, 44%
HSV	173°, 69%, 67%
XYZ	22.5319, 32.7925, 37.9429
YIQ	135.2360, -66.1550, -29.0590

Conversions

Conversions Part 2

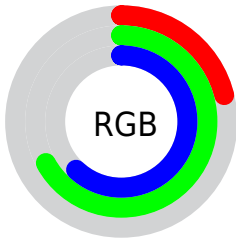
Format	Color
RYB	54, 116, 172
Decimal	3583135
CIELab	63.99, -35.35, -2.82
CIELCh	64, 35.459, 184.566
Yxy	32.7925, 0.2416, 0.3516
Android (android.graphics.Color)	4281773215 (0xFF36AC9F)
YUV	135.2360, 11.7157, -71.2440
Hunter-Lab	57.2648, -29.9793, 0.8005

Details

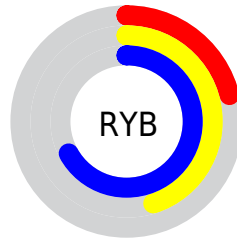
The Hex color **36AC9F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AC3643**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **75E4D6**, and **00776C** is the 20% darker color. If you saturate the color by 10%, you get **25AC9D**, and if you desaturate by 10%, it is **47ACA1**.

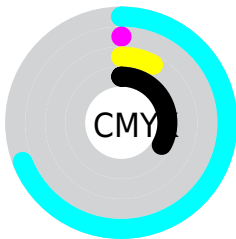
Distribution



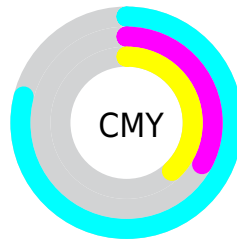
- Red (21%)
- Green (67%)
- Blue (62%)



- Red (21%)
- Yellow (45%)
- Blue (67%)



- Cyan (69%)
- Magenta (0%)
- Yellow (8%)
- Black (33%)



- Cyan (79%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36AC9F 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 36AC9F by changing the saturation by 10% instead.

 36AC9F

 36AC9F

FFFFFF

 009185

 75E4D6

 00776C

 92FFF2

 005E54

 AFFFFFF

 00453D

 CDFFFF

 002E27

 EBFFFF

 001712

 000000

 36AC9F

 36AC9F

 25AC9D

 47ACA1

■ 14AC9B

■ 58ACA3

■ 02AC99

■ 6AACA5

■ 00AC99

■ 7BACA7

■ 8CACA8

■ 9DACAA

■ AEACAC

■ C0ACAE

■ D1ACB0

Harmonies

Analogous

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



63AA7F



36AC9F



09ABBE

Triad

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



36AC9F



A591CF



C69063

Complementary

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



36AC9F



AC3643

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.



D68679



36AC9F



C787B7

Square

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



36AC9F



759DDA



D78297



AB9B5B

Rectangle

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



36AC9F



28A8CE



D78297



CD8C69

Sweetspot

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



36AC9F



B1E0DB



44AC36



54706D



F0F0F0



707070

Same Dimension

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



36AC9F



28E0CC



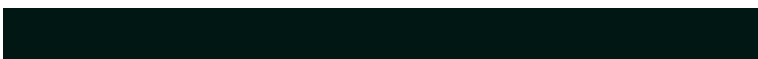
367FAC



4E5756



009686



001714

Inverse Universe

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



AC3643



E0283D



AC6336



574E4F



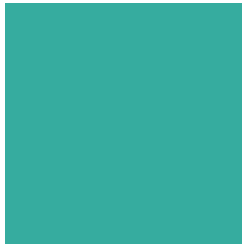
960011



170003

Previews

White Background



This preview shows how the Hex color 36AC9F looks on a white background.

Color Contrast Check

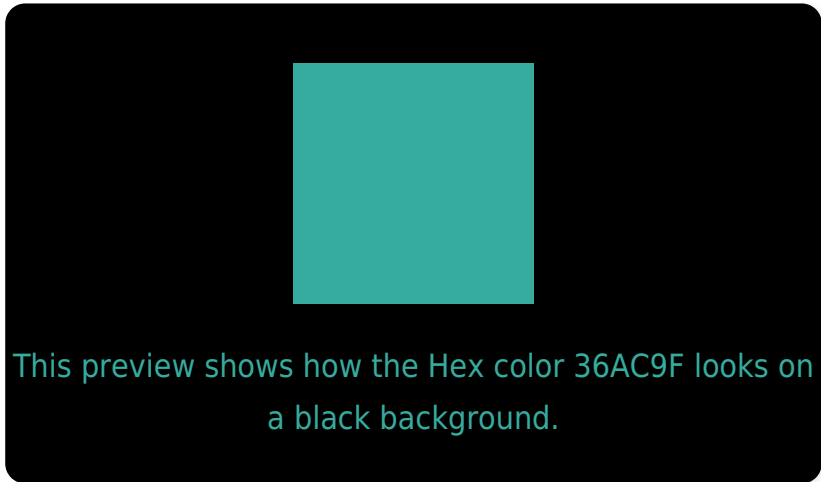
Large Text (above 18pt) WCAG AA × Fail

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

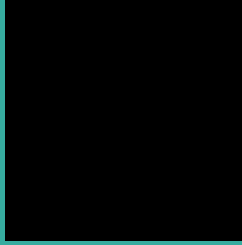
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

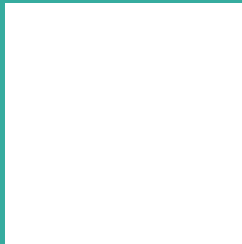
Any Text WCAG AAA ✓ Pass

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

Hex 36AC9F Background



This preview shows how black text looks on a background with the Hex color 36AC9F.

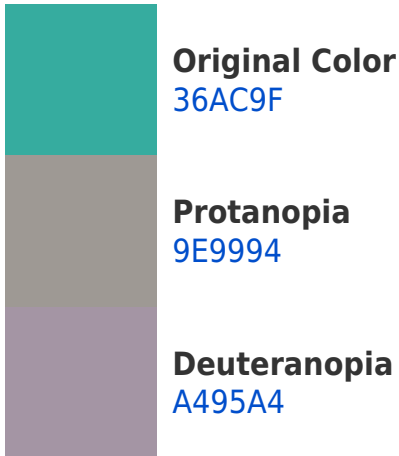


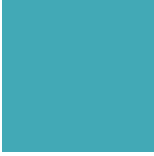
This preview shows how white text looks on a background with the Hex color 36AC9F.

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](#).

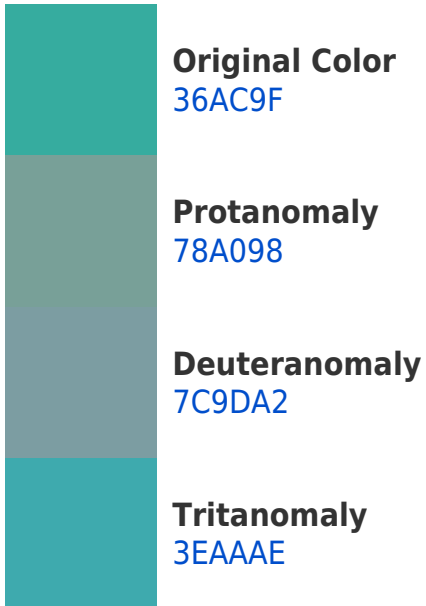
Dichromacy



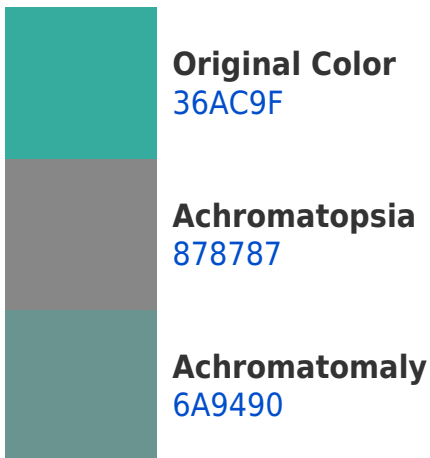


Tritanopia
42A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36AC9F 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 #36AC9F looks like.

```
.text, #text, p{  
    color:#36AC9F  
}
```

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 #36AC9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36AC9F
}
```

Border

The CSS property to change the border of an element to Hex 36AC9F 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
#36AC9F }
```

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

```
.border{ border-color:#36AC9F }
```

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

Here you see how a box with a 4 pixel #36AC9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36AC9F; -webkit-box-shadow:4px 4px  
4px 4px #36AC9F; box-shadow:4px 4px 4px  
4px #36AC9F }
```

Background

The CSS property to change the background color of an element to Hex 36AC9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36AC9F }
```

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

```
.background{ background-color:#36AC9F }
```

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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