

Converting Colors

Hex(36ACA1)

Have a look what the booklet for
Hex(36ACA1) contains.

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Color

Hex(36ACA1)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 36ACA1 |
| RGB | 54, 172, 161 |
| RGB Percent | 21%, 67%, 63% |
| CMY | 0.7882, 0.3255, 0.3686 |
| CMYK | 0.69, 0.00, 0.06, 0.33 |
| HSL | 174°, 52%, 44% |
| HSV | 174°, 69%, 67% |
| XYZ | 22.7069, 32.8625, 38.8645 |
| YIQ | 135.4640, -66.7970, -28.4370 |

Conversions

Conversions Part 2

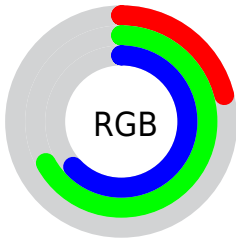
| Format | Color |
|-------------------------------------|--|
| RYB | 54, 116, 172 |
| Decimal | 3583137 |
| CIELab | 64.05, -34.79, -3.85 |
| CIElCh | 64, 35.005, 186.323 |
| Yxy | 32.8625, 0.2405, 0.3480 |
| Android (android.graphics.Color) | 4281773217 (0xFF36ACA1) |
| YUV | 135.4640, 12.5892, -71.4439 |
| Hunter-Lab | 57.3258, -29.6161, -0.0681 |

Details

The Hex color **36ACA1** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AC3641**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **75E4D8**, and **00776E** is the 20% darker color. If you saturate the color by 10%, you get **25AC9F**, and if you desaturate by 10%, it is **47ACA3**.

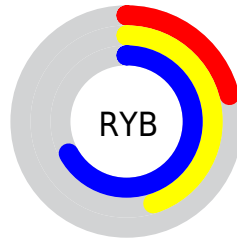
Distribution



Red (21%)

Green (67%)

Blue (63%)



Red (21%)

Yellow (45%)

Blue (67%)

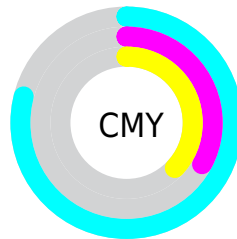


Cyan (69%)

Magenta (0%)

Yellow (6%)

Black (33%)



Cyan (79%)

Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36ACA1 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 36ACA1 by changing the saturation by 10% instead.

 36ACA1

 36ACA1

FFFFFF

 009187

 75E4D8

 00776E

 92FFF4

 005E55

 AFFFFFF

 00453E

 CDFFFF

 002E28

 EBFFFF

 001714

 000000

 36ACA1

 36ACA1

 25AC9F

 47ACA3

■ 14AC9E

■ 58ACA4

■ 02AC9C

■ 6AACA6

■ 00AC9C

■ 7BACA7

■ 8CACA9

■ 9DACAB

■ AEACAC

■ C0ACAE

■ D1ACAF

Harmonies

Analogous

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



62AA81



36ACA1



14ABBF

Triad

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



36ACA1



A891CE



C49163

Complementary

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



36ACA1



AC3641

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.



D58778



36ACA1



C887B5

Square

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



36ACA1



799CD9



D78396



A99B5C

Rectangle

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



36ACA1



2FA7CE



D78396



CB8D68

Sweetspot

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



36ACA1



B1E0DC



42AC36



54706E



F0F0F0



707070

Same Dimension

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



36ACA1



28E0CF



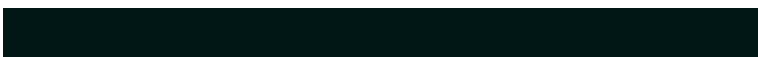
367DAC



4E5756



009688



001715

Inverse Universe

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



AC3641



E0283A



AC6536



574E4F



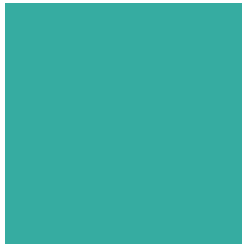
96000E



170002

Previews

White Background



This preview shows how the Hex color 36ACA1 looks on a white background.

Color Contrast Check

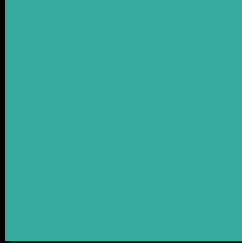
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 36ACA1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

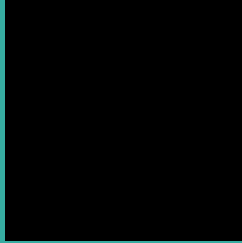
Any Text WCAG AA ✓ Pass

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 36ACA1 Background



This preview shows how black text looks on a background with the Hex color 36ACA1.

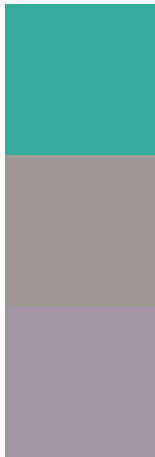


This preview shows how white text looks on a background with the Hex color 36ACA1.

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](#).

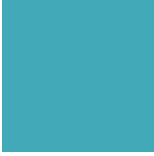
Dichromacy



Original Color
36ACA1

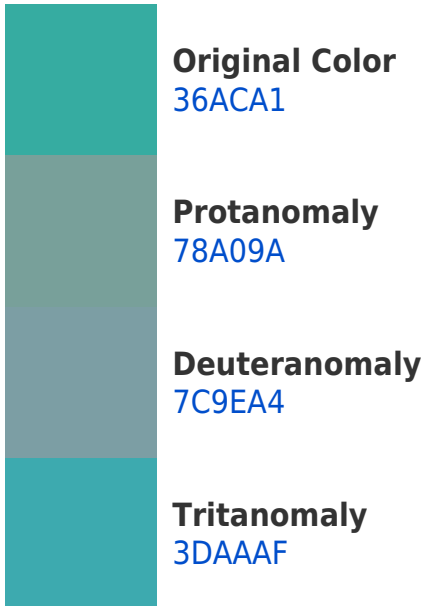
Protanopia
9E9996

Deuteranopia
A496A6

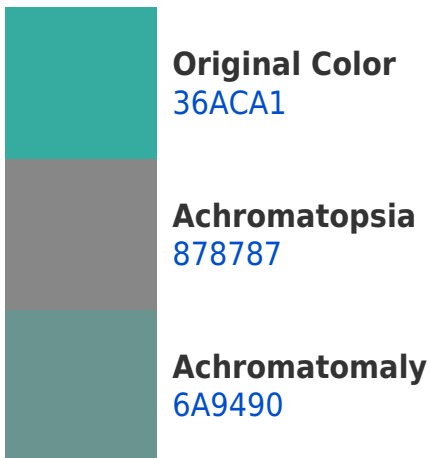


Tritanopia
41A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36ACA1 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 #36ACA1 looks like.

```
.text, #text, p{  
    color:#36ACA1  
}
```

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 #36ACA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36ACA1
}
```

Border

The CSS property to change the border of an element to Hex 36ACA1 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
#36ACA1 }
```

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

```
.border{ border-color:#36ACA1 }
```

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

Here you see how a box with a 4 pixel #36ACA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36ACA1; -webkit-box-shadow:4px 4px  
4px 4px #36ACA1; box-shadow:4px 4px 4px  
4px #36ACA1 }
```

Background

The CSS property to change the background color of an element to Hex 36ACA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36ACA1 }
```

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

```
.background{ background-color:#36ACA1 }
```

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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