

Converting Colors

Hex(36A4AD)

Have a look what the booklet for
Hex(36A4AD) contains.

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Color

Hex(36A4AD)

Conversions

Conversions Part 1

Format	Color
Hex	36A4AD
RGB	54, 164, 173
RGB Percent	21%, 64%, 68%
CMY	0.7882, 0.3569, 0.3216
CMYK	0.69, 0.05, 0.00, 0.32
HSL	185°, 52%, 45%
HSV	185°, 69%, 68%
XYZ	22.3396, 30.3523, 44.2163
YIQ	132.1360, -68.4490, -20.5210

Conversions

Conversions Part 2

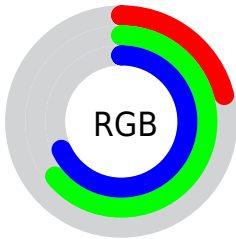
Format	Color
R _{YB}	54, 111, 173
Decimal	3581101
CIE _{Lab}	61.96, -27.45, -13.70
CIE _{LCh}	62, 30.682, 206.514
Yxy	30.3523, 0.2305, 0.3132
Android (android.graphics.Color)	4281771181 (0xFF36A4AD)
YUV	132.1360, 20.1460, -68.5253
Hunter-Lab	55.0929, -24.0328, -9.0197




Details

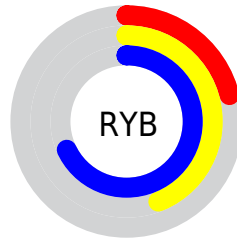
The Hex color **36A4AD** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AD3F36**, and the grayscale version is **848484**.




A 20% lighter version of the original color is **75DBE4**, and **007079** is the 20% darker color. If you saturate the color by 10%, you get **25A3AD**, and if you desaturate by 10%, it is **47A5AD**.

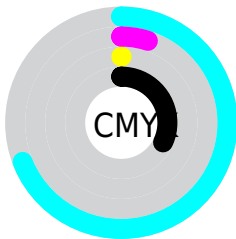
Distribution







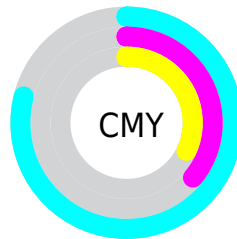
-  Red (21%)
-  Green (64%)
-  Blue (68%)






-  Red (21%)
-  Yellow (44%)
-  Blue (68%)



-  Cyan (69%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (32%)



-  Cyan (79%)
-  Magenta (36%)
-  Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36A4AD 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 36A4AD by changing the saturation by 10% instead.

 36A4AD

 36A4AD

FFFFFF

 008992

 75DBE4

 007079

 92F8FF

 005760

 AFFFFFFF

 003F48

 CDFFFF

 002932

 EBFFFF

 000E1D

 000000

 36A4AD

 36A4AD

 25A3AD

 47A5AD

■ 13A1AD

■ 59A7AD

■ 02A0AD

■ 6AA8AD

■ 00A0AD

■ 7BA9AD

■ 8DABAD

■ 9EACAD

■ AFADAD

■ C0AEAD

■ D2B0AD

Harmonies

Analogous

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



4FA491



36A4AD



43A0C2

Triad

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



36A4AD



B587B4



AB935F

Complementary

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



36A4AD



AD3F36

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.



C08A69



36A4AD



C8819A

Square

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



36A4AD



9590C6



CB837F



8F9B64

Rectangle

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



36A4AD



5D9CCA



CB837F



B39061

Sweetspot

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



36A4AD



B1DDE0



36AD3E



546E70



F0F0F0



707070

Same Dimension

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



36A4AD



26D2E0



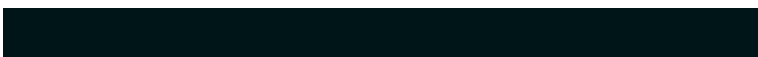
366AAD



4E5657



008B96



001517

Inverse Universe

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



AD36A4



E026D2



AD7936



574E56



96008B



170015

Previews

White Background



This preview shows how the Hex color 36A4AD 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 36A4AD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

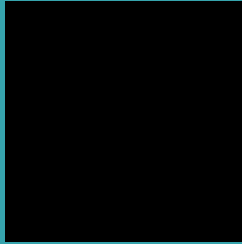
Any Text WCAG AA ✓ Pass

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 36A4AD Background



This preview shows how black text looks on a background with the Hex color 36A4AD.

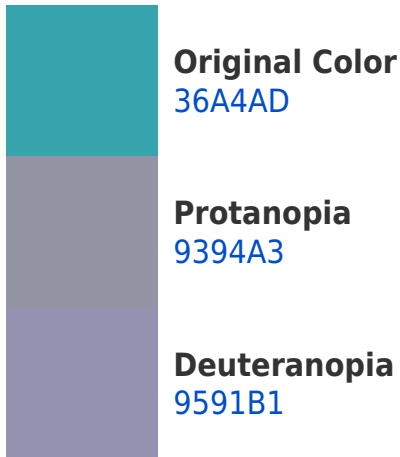


This preview shows how white text looks on a background with the Hex color 36A4AD.

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](#).

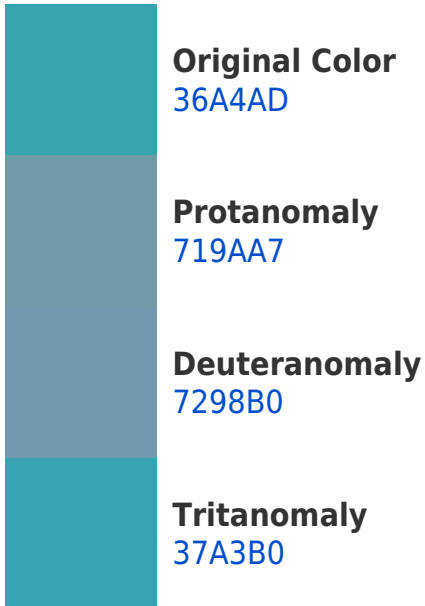
Dichromacy



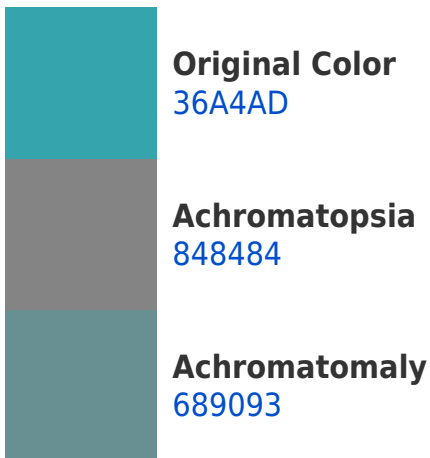


Tritanopia
38A3B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36A4AD 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 #36A4AD looks like.

```
.text, #text, p{  
    color:#36A4AD  
}
```

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 #36A4AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36A4AD
}
```

Border

The CSS property to change the border of an element to Hex 36A4AD 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
#36A4AD }
```

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

```
.border{ border-color:#36A4AD }
```

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

Here you see how a box with a 4 pixel #36A4AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36A4AD; -webkit-box-shadow:4px 4px  
4px 4px #36A4AD; box-shadow:4px 4px 4px  
4px #36A4AD }
```

Background

The CSS property to change the background color of an element to Hex 36A4AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36A4AD }
```

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

```
.background{ background-color:#36A4AD }
```

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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