

Converting Colors

Hex(36A2A7)

Have a look what the booklet for
Hex(36A2A7) contains.

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Color

Hex(36A2A7)

Conversions

Conversions Part 1

Format	Color
Hex	36A2A7
RGB	54, 162, 167
RGB Percent	21%, 64%, 65%
CMY	0.7882, 0.3647, 0.3451
CMYK	0.68, 0.03, 0.00, 0.35
HSL	183°, 51%, 43%
HSV	183°, 68%, 65%
XYZ	21.4167, 29.4150, 41.1081
YIQ	130.2780, -65.9730, -21.3410

Conversions

Conversions Part 2

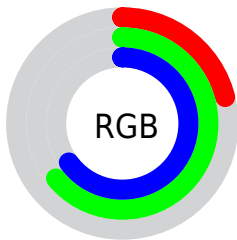
Format	Color
RYB	54, 109, 167
Decimal	3580583
CIELab	61.15, -28.27, -11.54
CIElCh	61, 30.533, 202.206
Yxy	29.4150, 0.2329, 0.3199
Android (android.graphics.Color)	4281770663 (0xFF36A2A7)
YUV	130.2780, 18.1039, -66.8958
Hunter-Lab	54.2356, -24.4256, -6.9742

Details

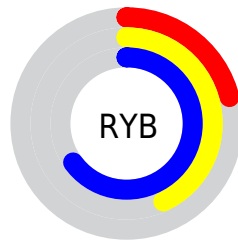
The Hex color **36A2A7** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A73B36**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **74D9DE**, and **006E73** is the 20% darker color. If you saturate the color by 10%, you get **25A1A7**, and if you desaturate by 10%, it is **47A3A7**.

Distribution



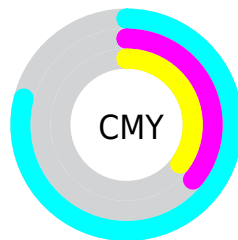
- Red (21%)
- Green (64%)
- Blue (65%)



- Red (21%)
- Yellow (43%)
- Blue (65%)



- Cyan (68%)
- Magenta (3%)
- Yellow (0%)
- Black (35%)



- Cyan (79%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36A2A7 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 36A2A7 by changing the saturation by 10% instead.

 36A2A7

 36A2A7

FFFFFF

 02888D

 74D9DE

 006E73

 91F6FB

 00555B

 AEFFFF

 003D43

 CCFFFF

 00272D

 EAFFFF

 000919

 000000

 36A2A7

 36A2A7

 25A1A7

 47A3A7

■ 15A1A7

■ 57A3A7

■ 04A0A7

■ 68A4A7

■ 00A0A7

■ 79A5A7

■ 89A6A7

■ 9AA6A7

■ ABA7A7

■ BCA8A7

■ CCA9A7

Harmonies

Analogous

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



51A28B



36A2A7



3D9FBD

Triad

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



36A2A7



AF86B5



AC8F5E

Complementary

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



36A2A7



A73B36

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.



C0866A



36A2A7



C4809C

Square

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



36A2A7



8D8FC5



C98081



919861

Rectangle

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



36A2A7



559BC6



C98081



B48C61

Sweetspot

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



36A2A7



ADD7D9



36A73A



536C6E



EDEDED



6E6E6E

Same Dimension

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



36A2A7



29D1D9



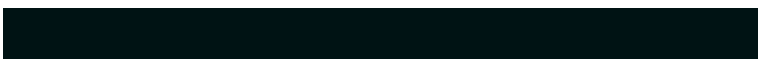
366BA7



4C5454



008D94



001314

Inverse Universe

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



A736A2



D929D1



A77236



544C54



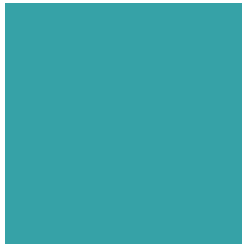
94008D



140013

Previews

White Background



This preview shows how the Hex color 36A2A7 looks on a white background.

Color Contrast Check

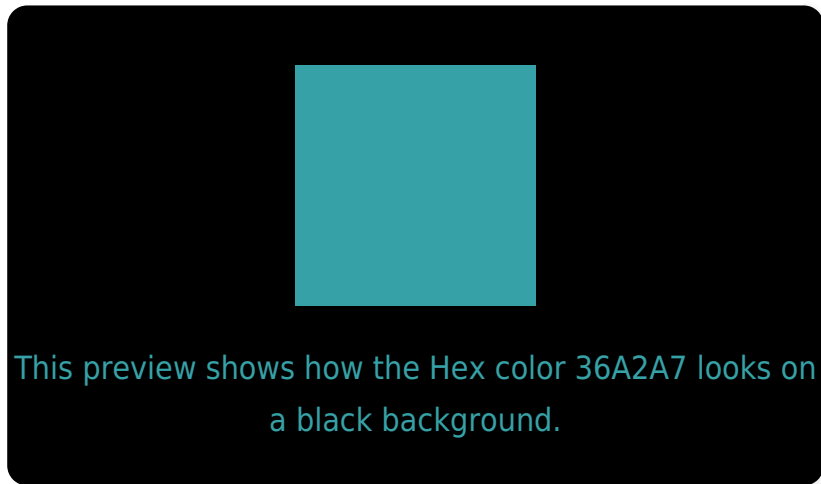
Large Text (above 18pt) WCAG AA ✓ Pass

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

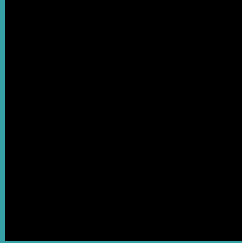
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

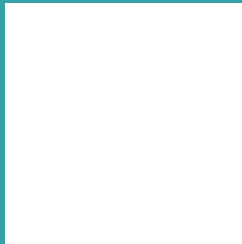
Any Text WCAG AAA × Fail

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

Hex 36A2A7 Background



This preview shows how black text looks on a background with the Hex color 36A2A7.

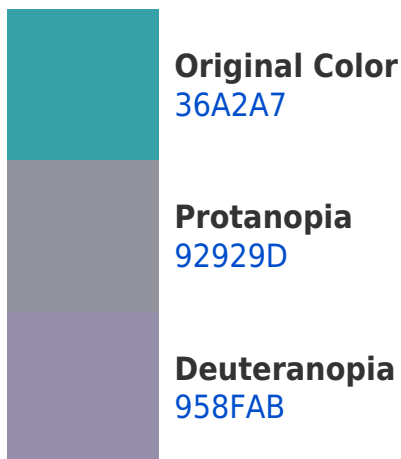


This preview shows how white text looks on a background with the Hex color 36A2A7.

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
3AA1AE

Trichromacy



Original Color
36A2A7



Protanomaly
7198A1



Deuteranomaly
7296AA



Tritanomaly
39A1AB

Monochromacy



Original Color
36A2A7



Achromatopsia
828282



Achromatomaly
668E8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 36A2A7 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 #36A2A7 looks like.

```
.text, #text, p{  
    color:#36A2A7  
}
```

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 #36A2A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36A2A7
}
```

Border

The CSS property to change the border of an element to Hex 36A2A7 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
#36A2A7 }
```

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

```
.border{ border-color:#36A2A7 }
```

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

Here you see how a box with a 4 pixel #36A2A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36A2A7; -webkit-box-shadow:4px 4px  
4px 4px #36A2A7; box-shadow:4px 4px 4px  
4px #36A2A7 }
```

Background

The CSS property to change the background color of an element to Hex 36A2A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36A2A7 }
```

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

```
.background{ background-color:#36A2A7 }
```

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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