

Converting Colors

Hex(3BA6A9)

Have a look what the booklet for
Hex(3BA6A9) contains.

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Color

Hex(3BA6A9)

Conversions

Conversions Part 1

Format	Color
Hex	3BA6A9
RGB	59, 166, 169
RGB Percent	23%, 65%, 66%
CMY	0.7686, 0.3490, 0.3373
CMYK	0.65, 0.02, 0.00, 0.34
HSL	182°, 48%, 45%
HSV	182°, 65%, 66%
XYZ	22.6013, 31.0668, 42.3414
YIQ	134.3490, -64.7350, -21.7510

Conversions

Conversions Part 2

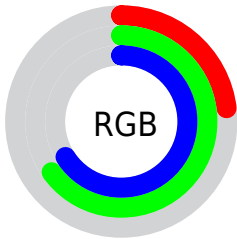
Format	Color
RYB	59, 113, 169
Decimal	3909289
CIELab	62.56, -28.87, -10.53
CIELCh	63, 30.730, 200.032
Yxy	31.0668, 0.2354, 0.3236
Android (android.graphics.Color)	4282099369 (0xFF3BA6A9)
YUV	134.3490, 17.0829, -66.0811
Hunter-Lab	55.7376, -25.1601, -6.0237

Details

The Hex color **3BA6A9** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A93E3B**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **78DDE0**, and **007275** is the 20% darker color. If you saturate the color by 10%, you get **2AA6A9**, and if you desaturate by 10%, it is **4CA6A9**.

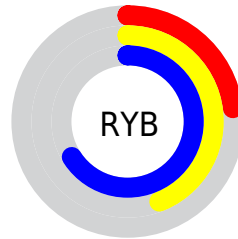
Distribution



Red (23%)

Green (65%)

Blue (66%)



Red (23%)

Yellow (44%)

Blue (66%)

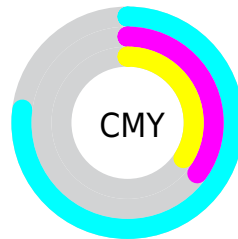


Cyan (65%)

Magenta (2%)

Yellow (0%)

Black (34%)



Cyan (77%)

Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BA6A9 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 3BA6A9 by changing the saturation by 10% instead.

 3BA6A9

 3BA6A9

FFFFFF

 108B8F

 78DDE0

 007275

 95FAFD

 00595C

 B2FFFF

 004145

 D0FFFF

 002A2F

 EEEFFF

 00111A

 000000

 3BA6A9

 3BA6A9

 2AA6A9

 4CA6A9

■ 19A5A9

■ 5DA7A9

■ 08A5A9

■ 6EA7A9

■ 00A4A9

■ 7FA8A9

■ 8FA8A9

■ A0A9A9

■ B1A9A9

■ C2AAA9

■ D3AAA9

Harmonies

Analogous

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



57A68D



3BA6A9



3EA3C0

Triad

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



3BA6A9



B18ABB



B29262

Complementary

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



3BA6A9



A93E3B

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.



C5896F



3BA6A9



C783A2

Square

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



3BA6A9



8E94CA



CD8386



979B63

Rectangle

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



3BA6A9



559FCA



CD8386



BA8F64

Sweetspot

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



3BA6A9



AFDADB



3BA93D



536D6E



EDEDED



6E6E6E

Same Dimension

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



3BA6A9



30D7DB



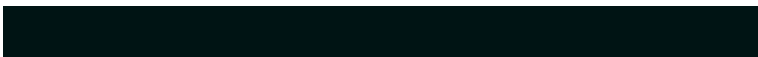
3B70A9



4C5454



009094



001414

Inverse Universe

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



A93BA6



DB30D7



A9743B



544C54



940090



140014

Previews

White Background



This preview shows how the Hex color 3BA6A9 looks on a white background.

Color Contrast Check

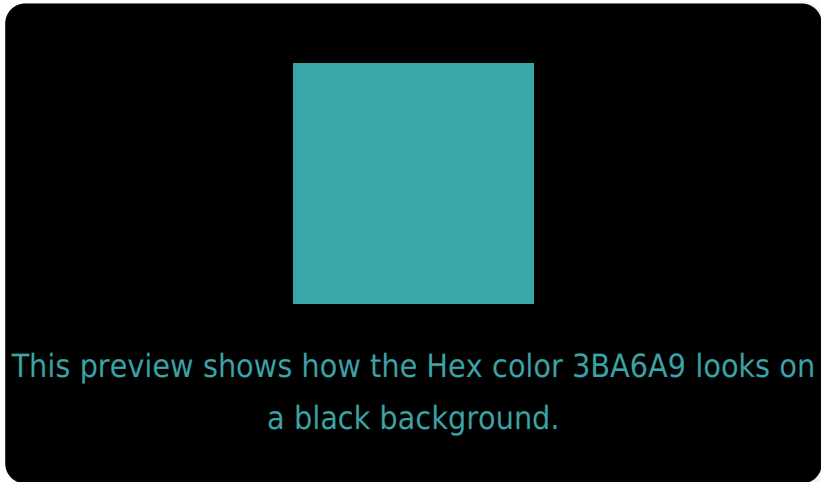
Large Text (above 18pt) WCAG AA × Fail

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

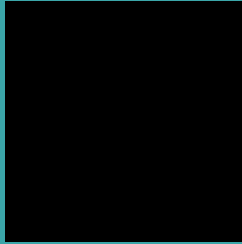
Any Text WCAG AA ✓ Pass

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 3BA6A9 Background



This preview shows how black text looks on a background with the Hex color 3BA6A9.

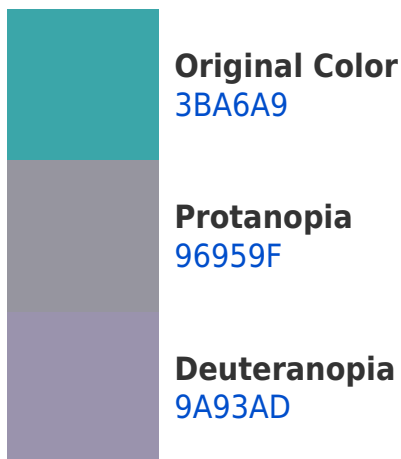


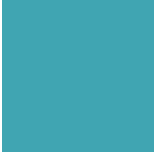
This preview shows how white text looks on a background with the Hex color 3BA6A9.

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](#).

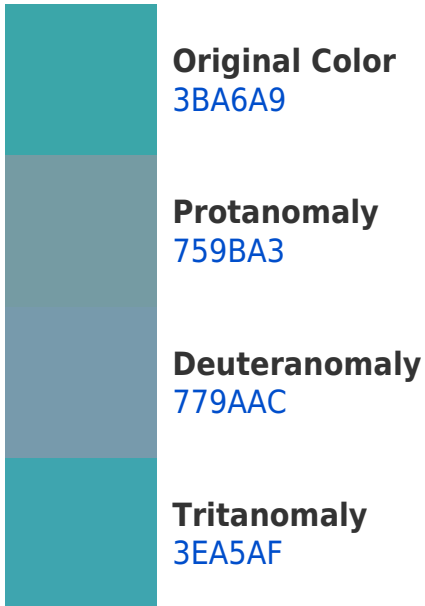
Dichromacy



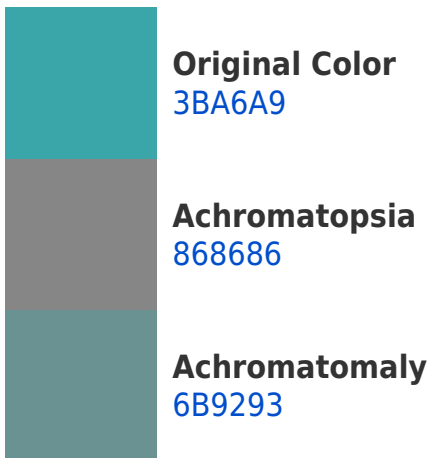


Tritanopia
40A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BA6A9 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 #3BA6A9 looks like.

```
.text, #text, p{  
    color:#3BA6A9  
}
```

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 #3BA6A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BA6A9
}
```

Border

The CSS property to change the border of an element to Hex 3BA6A9 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
#3BA6A9 }
```

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

```
.border{ border-color:#3BA6A9 }
```

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

Here you see how a box with a 4 pixel #3BA6A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BA6A9; -webkit-box-shadow:4px 4px  
4px 4px #3BA6A9; box-shadow:4px 4px 4px  
4px #3BA6A9 }
```

Background

The CSS property to change the background color of an element to Hex 3BA6A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BA6A9 }
```

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

```
.background{ background-color:#3BA6A9 }
```

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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