

# Converting Colors

Hex(35A6BB)

Have a look what the booklet for  
Hex(35A6BB) contains.

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# Color

**Hex(35A6BB)**

# Conversions

Conversions Part 1	
Format	Color
Hex	35A6BB
RGB	53, 166, 187
RGB Percent	21%, 65%, 73%
CMY	0.7922, 0.3490, 0.2667
CMYK	0.72, 0.11, 0.00, 0.27
HSL	189°, 56%, 47%
HSV	189°, 72%, 73%
XYZ	24.0741, 31.6172, 51.8476
YIQ	134.6070, -74.0890, -17.4250

# Conversions

## Conversions Part 2

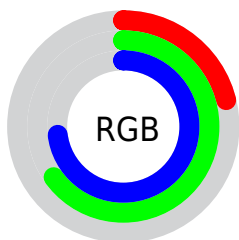
Format	Color
<a href="#">RYB</a>	<a href="#">53, 114, 187</a>
Decimal	<a href="#">3516091</a>
CIELab	<a href="#">63.03, -24.27, -19.93</a>
CIELCh	<a href="#">63, 31.404, 219.387</a>
Yxy	<a href="#">31.6172, 0.2239, 0.2940</a>
Android (android.graphics.Color)	<a href="#">4281706171</a> (0xFF35A6BB)
YUV	<a href="#">134.6070, 25.8297, -71.5693</a>
Hunter-Lab	<a href="#">56.2292, -21.9777, -15.3095</a>

# Details

The Hex color **35A6BB** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BB4A35**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **76DDF3**, and **007286** is the 20% darker color. If you saturate the color by 10%, you get **22A3BB**, and if you desaturate by 10%, it is **48A9BB**.

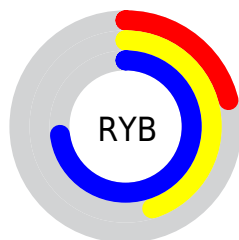
# Distribution



Red (21%)

Green (65%)

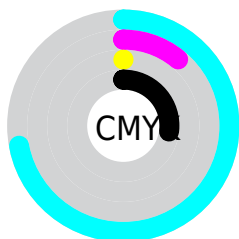
Blue (73%)



Red (21%)

Yellow (45%)

Blue (73%)

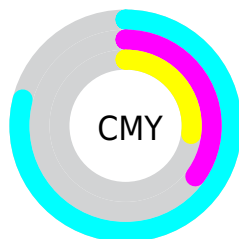


Cyan (72%)

Magenta (11%)

Yellow (0%)

Black (27%)



Cyan (79%)

Magenta (35%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35A6BB 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 35A6BB by changing the saturation by 10% instead.



 35A6BB

FFFFFF

 76DDF3

 94FAFF

 B1FFFF

 CFFFFFF

 EDFFFF

 35A6BB

 008BA0

 007286

 00596C

 004154

 002B3D

 001427

 000112

 000000

 35A6BB

 35A6BB

 22A3BB

 48A9BB

 10A0BB

 5AACBB

 009EBB

 6DAFBB

 80B2BB

 93B5BB

 A5B8BB

 B8BBBB

 CBBDBB

 DDC0BB

# Harmonies

## Analogous

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



42A8A1



35A6BB



54A1CC

# Triad

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



35A6BB



C386AD



A39A61

# Complementary

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



35A6BB



BB4A35

# 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.



BC9065



35A6BB



CF8391

# Square

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



35A6BB



A78EC4



CC8776



84A16D

# Rectangle

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



35A6BB



719BD0



CC8776



AC9760



# Sweetspot

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



35A6BB



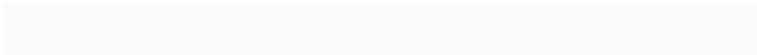
BFEAF2



35BB49



5C767A



FAFAFA



7A7A7A



# Same Dimension

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



35A6BB



22D2F2



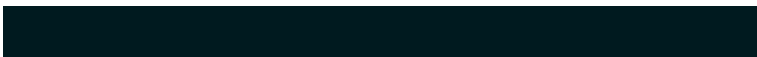
3564BB



555D5E



00859E



001A1F



# Inverse Universe

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



BB35A6



F222D2



BB8C35



5E555D



9E0085



1F001A



# Previews

## White Background



This preview shows how the Hex color 35A6BB looks on a white background.

## Color Contrast Check

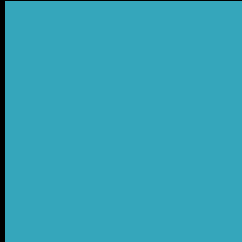
Large Text (above 18pt) WCAG AA × Fail

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 35A6BB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

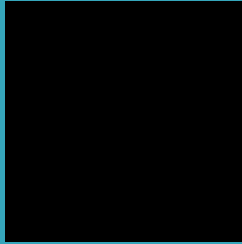
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 35A6BB Background



This preview shows how black text looks on a background with the Hex color 35A6BB.



This preview shows how white text looks on a background with the Hex color 35A6BB.

# 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](#).

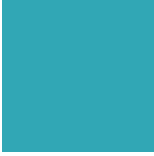
## Dichromacy



**Original Color**  
35A6BB


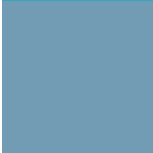
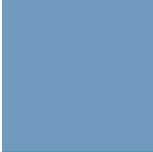

**Protanopia**  
9396B0

**Deuteranopia**  
9295BF


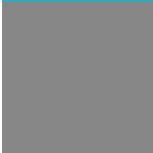



**Tritanopia**  
31A7B5

# Trichromacy

	<b>Original Color</b> 35A6BB
	<b>Protanomaly</b> 719CB4
	<b>Deuteranomaly</b> 709BBE
	<b>Tritanomaly</b> 32A7B7

# Monochromacy

	<b>Original Color</b> 35A6BB
	<b>Achromatopsia</b> 878787
	<b>Achromatomaly</b> 69929A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35A6BB 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 #35A6BB looks like.

```
.text, #text, p{  
    color:#35A6BB  
}
```

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 #35A6BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35A6BB
}
```

## Border

The CSS property to change the border of an element to Hex 35A6BB 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
#35A6BB }
```

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

```
.border{ border-color:#35A6BB }
```

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

Here you see how a box with a 4 pixel #35A6BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35A6BB; -webkit-box-shadow:4px 4px  
4px 4px #35A6BB; box-shadow:4px 4px 4px  
4px #35A6BB }
```

# Background

The CSS property to change the background color of an element to Hex 35A6BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35A6BB }
```

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

```
.background{ background-color:#35A6BB }
```

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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