

# Converting Colors

Hex(35BEAC)

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

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# Color

Hex(35BEAC)

# Conversions

## Conversions Part 1

Format	Color
Hex	35BEAC
RGB	53, 190, 172
RGB Percent	21%, 75%, 67%
CMY	0.7922, 0.2549, 0.3255
CMYK	0.72, 0.00, 0.09, 0.25
HSL	172°, 56%, 48%
HSV	172°, 72%, 75%
XYZ	27.3280, 40.5624, 45.4187
YIQ	146.9850, -75.8740, -34.6420

# Conversions

## Conversions Part 2

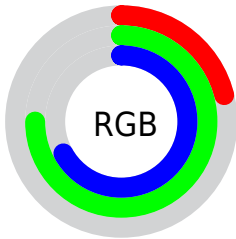
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 126, 190
Decimal	3522220
CIELab	69.87, -40.11, -1.39
CIELCh	70, 40.136, 181.981
Yxy	40.5624, 0.2412, 0.3580
Android (android.graphics.Color)	4281712300 (0xFF35BEAC)
YUV	146.9850, 12.3324, -82.4248
Hunter-Lab	63.6886, -34.8627, 2.3001

# Details

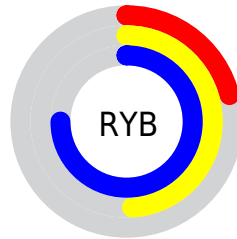
The Hex color **35BEAC** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BE3547**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **77F7E3**, and **008878** is the 20% darker color. If you saturate the color by 10%, you get **22BEAA**, and if you desaturate by 10%, it is **48BEAE**.

# Distribution



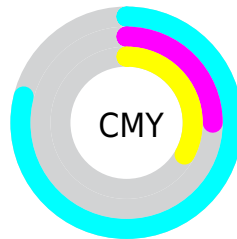
- Red (21%)
- Green (75%)
- Blue (67%)



- Red (21%)
- Yellow (49%)
- Blue (75%)



- Cyan (72%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)



- Cyan (79%)
- Magenta (25%)
- Yellow (33%)

# Brightness & Saturation Gradients

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



 35BEAC

 35BEAC

FFFFFF

 00A391

 77F7E3

 008878

 96FFFF

 006E5F

 B4FFFF

 005548

 D2FFFF

 003C31

 F0FFFF

 00281C

 000003

 000000

 35BEAC

 35BEAC

■ 22BEAA

■ 48BEAE

■ 0FBEA7

■ 5BBEB1

■ 00BEA5

■ 6EBEB3

■ 81BEB6

■ 94BEB8

■ A7BEBB

■ BABEBD

■ CDBEC0

■ E0BEC2

# Harmonies

## Analogous

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



6DBB87



35BEAC



00BDD0

# Triad

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



35BEAC



B2A0E9



DE9D6B

# Complementary

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



35BEAC



BE3547

# 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.



EF9286



35BEAC



DA94CE

# Square

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



35BEAC



78AEF3



EF8EAA



C0A961

# Rectangle

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



35BEAC



00BAE3



EF8EAA



E59973



# Sweetspot

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



35BEAC



C1F7F0



47BE35



5C7D79



FCFCFC



7D7D7D



# Same Dimension

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



35BEAC



20F7DB



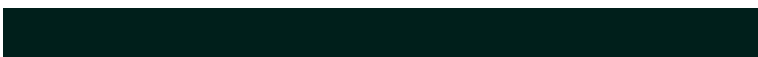
358CBE



555E5D



009E89



001F1B



# Inverse Universe

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



BE3547



F7203C



BE6735



5E5556



9E0015

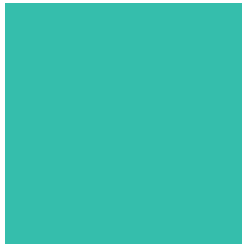


1F0004



# Previews

## White Background



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

## Color Contrast Check

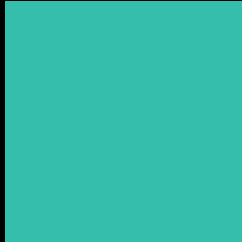
Large Text (above 18pt) WCAG AA × Fail

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 35BEAC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

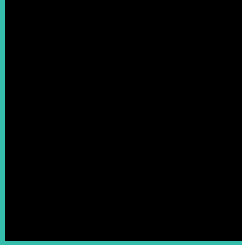
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

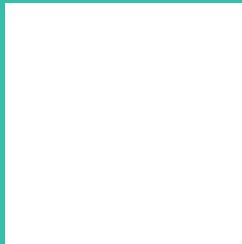
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 35BEAC Background



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

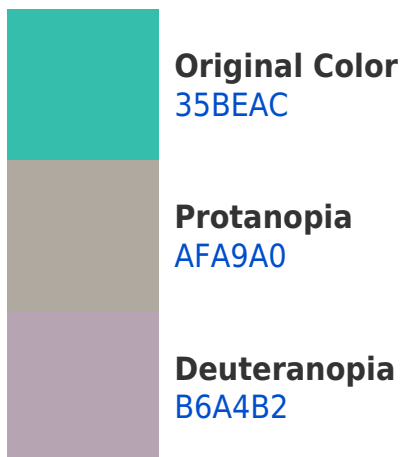


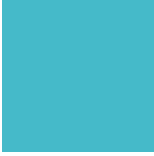
This preview shows how white text looks on a background with the Hex color 35BEAC.

# 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**  
45BAC9

# Trichromacy



**Original Color**  
35BEAC



**Protanomaly**  
83B1A4



**Deuteranomaly**  
87ADB0



**Tritanomaly**  
3FB8BE

# Monochromacy



**Original Color**  
35BEAC



**Achromatopsia**  
939393



**Achromatomaly**  
71A39C

# CSS Examples

## Text

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

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

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 #35BEAC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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