

# Converting Colors

Hex(3FAFA5)

Have a look what the booklet for  
Hex(3FAFA5) contains.

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# Color

Hex(3FAFA5)

# Conversions

## Conversions Part 1

Format	Color
Hex	3FAFA5
RGB	63, 175, 165
RGB Percent	25%, 69%, 65%
CMY	0.7529, 0.3137, 0.3529
CMYK	0.64, 0.00, 0.06, 0.31
HSL	175°, 47%, 47%
HSV	175°, 64%, 69%
XYZ	24.1714, 34.4333, 40.9696
YIQ	140.3720, -63.5420, -26.8540

# Conversions

## Conversions Part 2

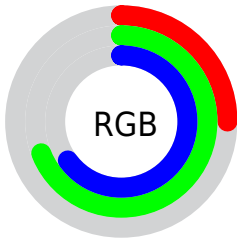
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 122, 175
Decimal	4173733
CIELab	65.31, -33.67, -4.21
CIELCh	65, 33.935, 187.121
Yxy	34.4333, 0.2427, 0.3458
Android (android.graphics.Color)	4282363813 (0xFF3FAFA5)
YUV	140.3720, 12.1416, -67.8552
Hunter-Lab	58.6799, -29.1622, -0.3197

# Details

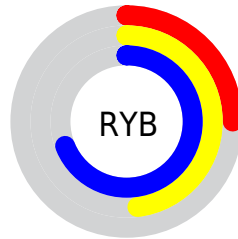
The Hex color **3FAFA5** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AF3F49**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **7CE7DC**, and **007A71** is the 20% darker color. If you saturate the color by 10%, you get **2EAFA3**, and if you desaturate by 10%, it is **51AFA7**.

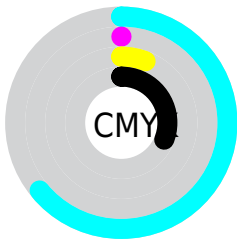
# Distribution



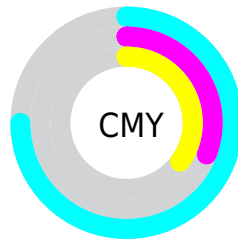
- Red (25%)
- Green (69%)
- Blue (65%)



- Red (25%)
- Yellow (48%)
- Blue (69%)



- Cyan (64%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)



- Cyan (75%)
- Magenta (31%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FAFA5 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 3FAFA5 by changing the saturation by 10% instead.





3FAFA5



3FAFA5

FFFFFF



17948B



7CE7DC



007A71



99FFF8



006059



B6FFFF



004842



D3FFFF



00312C



F1FFFF



001C17



000000



3FAFA5



3FAFA5



2EAFA3



51AFA7

■ 1CAFA2

■ 62AFA8

■ 0BAFA0

■ 73AFAA

■ 00AF9F

■ 85AFAB

■ 97AFAD

■ A8AFAE

■ BAAFBO

■ CBAFB2

■ DDAFB3

# Harmonies

## Analogous

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



66AD86



3FAFA5



2AADC2

# Triad

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



3FAFA5



AC94CF



C79567

# Complementary

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



3FAFA5



AF3F49

# 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.



D78B7B



3FAFA5



CB8BB7

# Square

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



3FAFA5



7F9FDA



D98798



AC9F62

# Rectangle

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



3FAFA5



3DAAD1



D98798



CD916C



# Sweetspot

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



3FAFA5



B8E3DF



4AAF3F



587370



F2F2F2



737373



# Same Dimension

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



3FAFA5



34E3D3



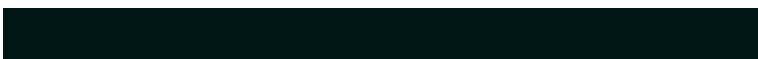
3F82AF



4E5756



009689



001715



# Inverse Universe

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



AF3F49



E33444



AF6C3F



574E4F



96000D

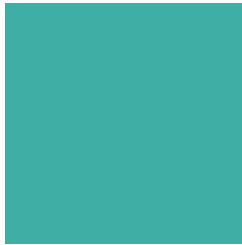


170002



# Previews

## White Background



This preview shows how the Hex color 3FAFA5 looks on a white background.

## Color Contrast Check

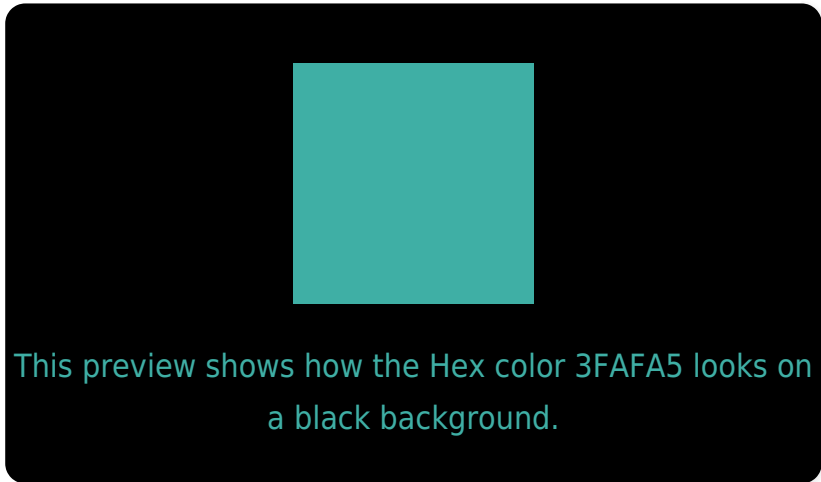
Large Text (above 18pt) WCAG AA × Fail

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

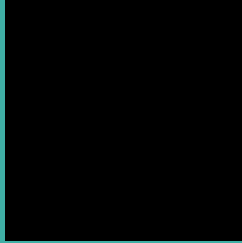
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3FAFA5 Background



This preview shows how black text looks on a background with the Hex color 3FAFA5.

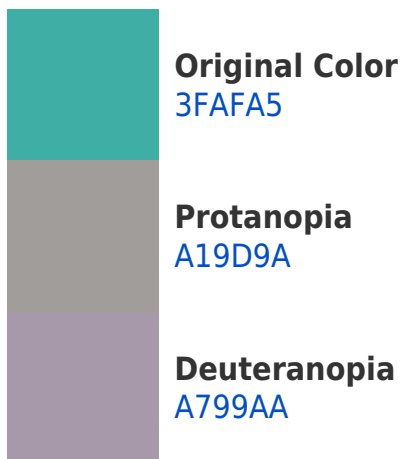


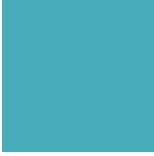
This preview shows how white text looks on a background with the Hex color 3FAFA5.

# Color Blindness Simulation

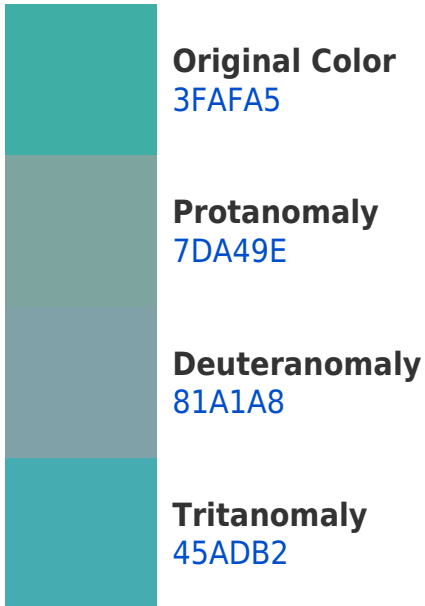
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

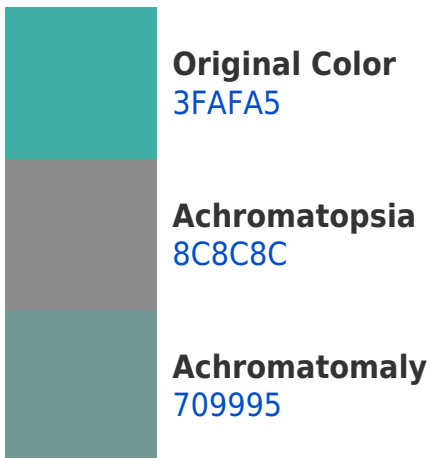




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FAFA5 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 #3FAFA5 looks like.

```
.text, #text, p{  
    color:#3FAFA5  
}
```

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 #3FAFA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FAFA5
}
```

## Border

The CSS property to change the border of an element to Hex 3FAFA5 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
#3FAFA5 }
```

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

```
.border{ border-color:#3FAFA5 }
```

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

Here you see how a box with a 4 pixel #3FAFA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FAFA5; -webkit-box-shadow:4px 4px  
4px 4px #3FAFA5; box-shadow:4px 4px 4px  
4px #3FAFA5 }
```

# Background

The CSS property to change the background color of an element to Hex 3FAFA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FAFA5 }
```

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

```
.background{ background-color:#3FAFA5 }
```

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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