

Converting Colors

Hex(3FA9D5)

Have a look what the booklet for
Hex(3FA9D5) contains.

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Color

Hex(3FA9D5)

Conversions

Conversions Part 1

Format	Color
Hex	3FA9D5
RGB	63, 169, 213
RGB Percent	25%, 66%, 84%
CMY	0.7529, 0.3373, 0.1647
CMYK	0.70, 0.21, 0.00, 0.16
HSL	198°, 64%, 54%
HSV	198°, 70%, 84%
XYZ	28.2481, 34.2368, 68.0703
YIQ	142.3220, -77.3000, -8.7880

Conversions

Conversions Part 2

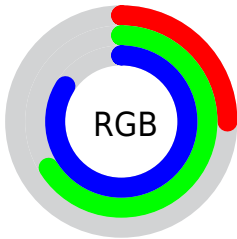
Format	Color
RYB	63, 125, 213
Decimal	4172245
CIELab	65.15, -16.11, -31.10
CIElCh	65, 35.025, 242.611
Yxy	34.2368, 0.2164, 0.2622
Android (android.graphics.Color)	4282362325 (0xFF3FA9D5)
YUV	142.3220, 34.8443, -69.5654
Hunter-Lab	58.5122, -16.2214, -28.0166

Details

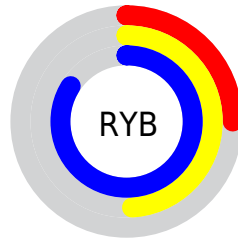
The Hex color **3FA9D5** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **D56B3F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **80E0FF**, and **00759E** is the 20% darker color. If you saturate the color by 10%, you get **2AA3D5**, and if you desaturate by 10%, it is **54AFD5**.

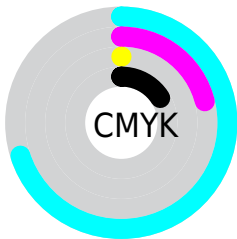
Distribution



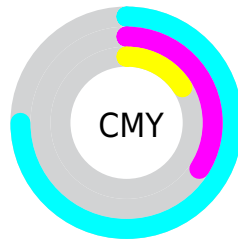
- Red (25%)
- Green (66%)
- Blue (84%)



- Red (25%)
- Yellow (49%)
- Blue (84%)



- Cyan (70%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)



- Cyan (75%)
- Magenta (34%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FA9D5 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 3FA9D5 by changing the saturation by 10% instead.

3FA9D5

3FA9D5

FFFFFF

0A8FB9

80E0FF

00759E

9EFDFF

005C84

BCFFFF

00456A

DBFFFF

002E52

F9FFFF

001B3B

000225

00010D

000000

■ 3FA9D5

■ 3FA9D5

■ 2AA3D5

■ 54AFD5

■ 149DD5

■ 6AB5D5

■ 0097D5

■ 7FBCD5

■ 94C2D5

■ AAC8D5

■ BFCED5

■ D4D5D5

■ E9DBD5

■ FFE1D5

Harmonies

Analogous

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



1CAEBF



3FA9D5



76A0DC

Triad

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



3FA9D5



DA869D



8FA668

Complementary

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



3FA9D5



D56B3F

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.



B09D5F



3FA9D5



DA897E

Square

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



3FA9D5



C88BBC



CA9267



69AC80

Rectangle

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



3FA9D5



9799D8



CA9267



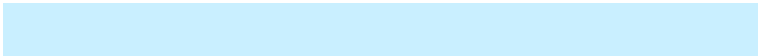
9BA463

Sweetspot

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



3FA9D5



C9EFFF



3FD56A



607680



000000



808080

Same Dimension

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



3FA9D5



26BFFF



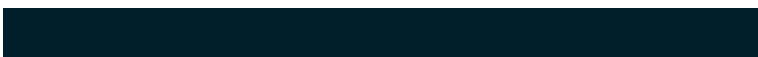
3F60D5



60686B



0079AB



001F2B

Inverse Universe

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



D53FA9



FF26BF



D5B53F



6B6068



AB0079



2B001F

Previews

White Background



This preview shows how the Hex color 3FA9D5 looks on a white background.

Color Contrast Check

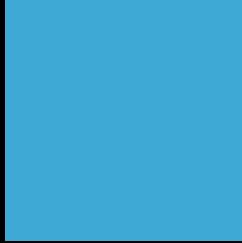
Large Text (above 18pt) WCAG AA × Fail

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 3FA9D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

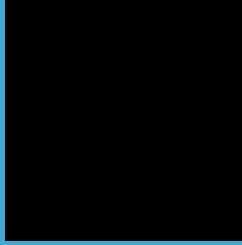
Any Text WCAG AA ✓ Pass

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 3FA9D5 Background



This preview shows how black text looks on a background with the Hex color 3FA9D5.

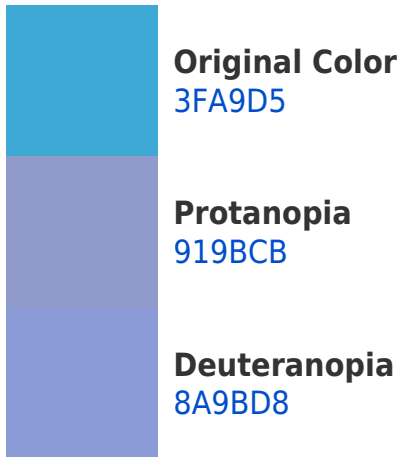


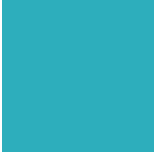
This preview shows how white text looks on a background with the Hex color 3FA9D5.

Color Blindness Simulation

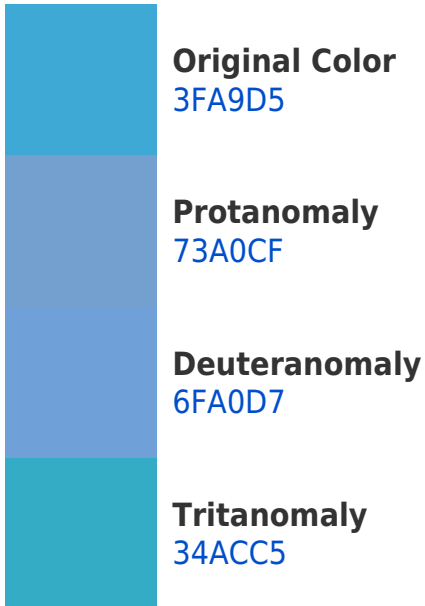
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

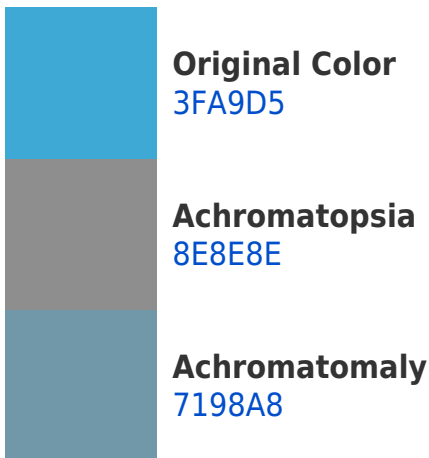




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3FA9D5 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 #3FA9D5 looks like.

```
.text, #text, p{  
    color:#3FA9D5  
}
```

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 #3FA9D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FA9D5
}
```

Border

The CSS property to change the border of an element to Hex 3FA9D5 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
#3FA9D5 }
```

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

```
.border{ border-color:#3FA9D5 }
```

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

Here you see how a box with a 4 pixel #3FA9D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FA9D5; -webkit-box-shadow:4px 4px  
4px 4px #3FA9D5; box-shadow:4px 4px 4px  
4px #3FA9D5 }
```

Background

The CSS property to change the background color of an element to Hex 3FA9D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FA9D5 }
```

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

```
.background{ background-color:#3FA9D5 }
```

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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