

# Converting Colors

Hex(0F9BB5)

Have a look what the booklet for  
Hex(0F9BB5) contains.

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# Color

**Hex(0F9BB5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F9BB5
RGB	15, 155, 181
RGB Percent	6%, 61%, 71%
CMY	0.9412, 0.3922, 0.2902
CMYK	0.92, 0.14, 0.00, 0.29
HSL	189°, 85%, 38%
HSV	189°, 92%, 71%
XYZ	20.2588, 26.8804, 47.8368
YIQ	116.1040, -91.7860, -21.5940

# Conversions

## Conversions Part 2

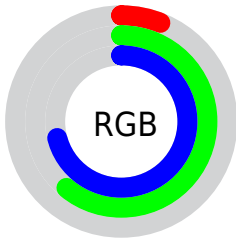
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 91, 181
Decimal	1022901
CIELab	58.86, -24.01, -22.97
CIElCh	59, 33.230, 223.722
Yxy	26.8804, 0.2133, 0.2830
Android (android.graphics.Color)	4279212981 (0xFF0F9BB5)
YUV	116.1040, 31.9937, -88.6682
Hunter-Lab	51.8464, -20.9827, -18.4123

# Details

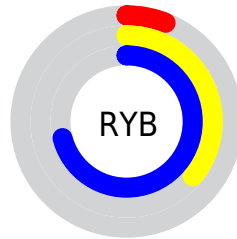
The Hex color **0F9BB5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B5290F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **63D2ED**, and **006780** is the 20% darker color. If you saturate the color by 10%, you get **0099B5**, and if you desaturate by 10%, it is **219EB5**.

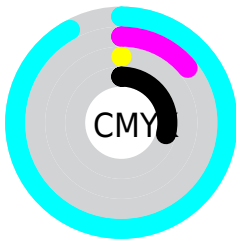
# Distribution



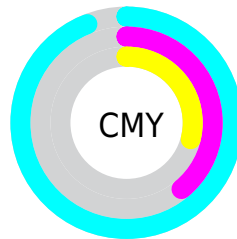
- Red (6%)
- Green (61%)
- Blue (71%)



- Red (6%)
- Yellow (36%)
- Blue (71%)



- Cyan (92%)
- Magenta (14%)
- Yellow (0%)
- Black (29%)



- Cyan (94%)
- Magenta (39%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F9BB5 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 0F9BB5 by changing the saturation by 10% instead.





0F9BB5



0F9BB5

FFFFFF



00819A



63D2ED



006780



82EEFF



004F67



A0FFFF



00384F



BEFFFF



002338



DCFFFF



000223



FBFFFF



000009



000000



0F9BB5



0F9BB5

0099B5

219EB5

33A1B5

45A4B5

57A6B5

6AA9B5

7CACB5

8EAFB5

A0B2B5

B2B5B5

# Harmonies

## Analogous

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



229D9A



0F9BB5



4695C5

# Triad

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



0F9BB5



BC799F



949054

# Complementary

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



0F9BB5



B5290F

# 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.



AF8656



0F9BB5



C77781

# Square

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



0F9BB5



A281B8



C17D67



739862

# Rectangle

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



0F9BB5



698FC7



C17D67



9D8D53



# Sweetspot

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



0F9BB5



A9E0EB



0FB528



4D6F75



F5F5F5



757575



# Same Dimension

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



0F9BB5



00C6EB



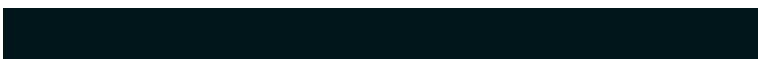
0F49B5



505859



008199



00161A



# Inverse Universe

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



B50F9B



EB00C6



B57B0F



595058



990081

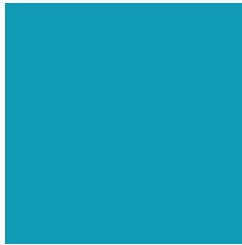


1A0016



# Previews

## White Background



This preview shows how the Hex color 0F9BB5 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 0F9BB5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

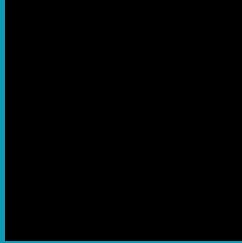
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0F9BB5 Background



This preview shows how black text looks on a background with the Hex color 0F9BB5.

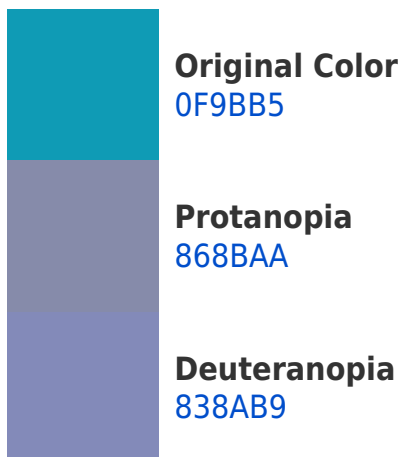


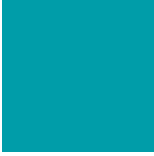
This preview shows how white text looks on a background with the Hex color 0F9BB5.

# 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](#).

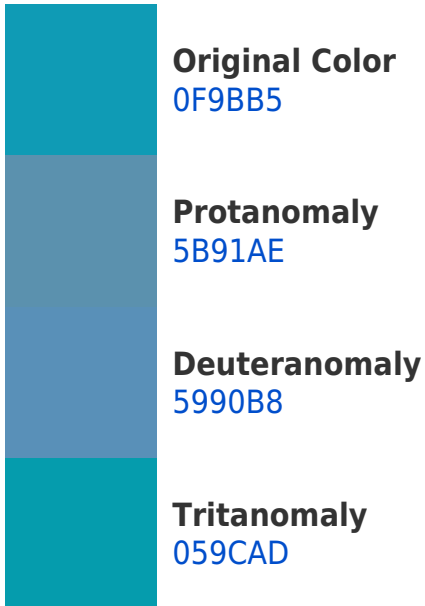
## Dichromacy





**Tritanopia**  
009DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F9BB5 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 #0F9BB5 looks like.

```
.text, #text, p{  
    color:#0F9BB5  
}
```

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 #0F9BB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F9BB5
}
```

## Border

The CSS property to change the border of an element to Hex 0F9BB5 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
#0F9BB5 }
```

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

```
.border{ border-color:#0F9BB5 }
```

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

Here you see how a box with a 4 pixel #0F9BB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F9BB5; -webkit-box-shadow:4px 4px  
4px 4px #0F9BB5; box-shadow:4px 4px 4px  
4px #0F9BB5 }
```

# Background

The CSS property to change the background color of an element to Hex 0F9BB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F9BB5 }
```

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

```
.background{ background-color:#0F9BB5 }
```

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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