

# Converting Colors

Hex(3093A5)

Have a look what the booklet for  
Hex(3093A5) contains.

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# Color

Hex(3093A5)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 3093A5                       |
| RGB         | 48, 147, 165                 |
| RGB Percent | 19%, 58%, 65%                |
| CMY         | 0.8118, 0.4235, 0.3529       |
| CMYK        | 0.71, 0.11, 0.00, 0.35       |
| HSL         | 189°, 55%, 42%               |
| HSV         | 189°, 71%, 65%               |
| XYZ         | 18.4442, 24.2124, 39.2987    |
| YIQ         | 119.4510, -64.7820, -15.3900 |

# Conversions

## Conversions Part 2

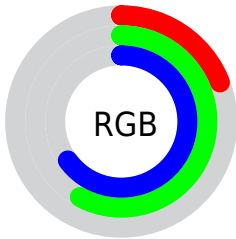
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 48, 102, 165                   |
| Decimal                             | 3183525                        |
| CIELab                              | 56.30, -22.16, -17.74          |
| CIELCh                              | 56, 28.390, 218.679            |
| Yxy                                 | 24.2124, 0.2251,<br>0.2954     |
| Android<br>(android.graphics.Color) | 4281373605<br>(0xFF3093A5)     |
| YUV                                 | 119.4510, 22.4557,<br>-62.6625 |
| Hunter-Lab                          | 49.2061, -19.2027,<br>-12.9079 |




# Details

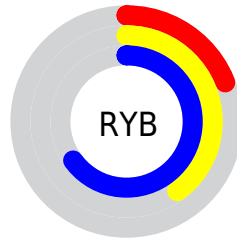
The Hex color **3093A5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A54230**, and the grayscale version is **777777**.



A 20% lighter version of the original color is **6EC9DC**, and **006071** is the 20% darker color. If you saturate the color by 10%, you get **1F90A5**, and if you desaturate by 10%, it is **4196A5**.

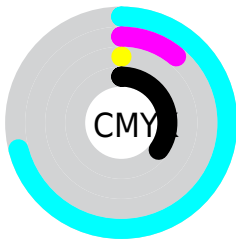
# Distribution







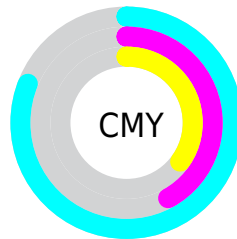
-  Red (19%)
-  Green (58%)
-  Blue (65%)






-  Red (19%)
-  Yellow (40%)
-  Blue (65%)



-  Cyan (71%)
-  Magenta (11%)
-  Yellow (0%)
-  Black (35%)



-  Cyan (81%)
-  Magenta (42%)
-  Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3093A5 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 3093A5 by changing the saturation by 10% instead.



3093A5

3093A5

FFFFFF

00798B

6EC9DC

006071

8BE5F9

004859

A8FFFF

003141

C5FFFF

001E2B

E3FFFF

000117

000000

3093A5

3093A5

1F90A5

4196A5

0F8EA5

5198A5

008CA5

629BA5

729DA5

83A0A5

93A2A5

A3A5A5

B4A7A5

C4AAA5

# Harmonies

## Analogous

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



3B948E



3093A5



4A8EB4

# Triad

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



3093A5



AC7799



918856

# Complementary

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



3093A5



A54230

# 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.



A77F59



3093A5



B77481

# Square

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



3093A5



937EAE



B57869



768F60

# Rectangle

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



3093A5



638AB8



B57869



998555



# Sweetspot

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



3093A5



A9CFD6



30A542



50676B



EBEBEB



6B6B6B



# Same Dimension

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



3093A5



20BAD6



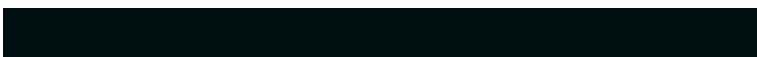
3059A5



495052



007B91



000F12



# Inverse Universe

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



A53093



D620BA



A57C30



524950



91007B



12000F



# Previews

## White Background



This preview shows how the Hex color 3093A5 looks on a white background.

## Color Contrast Check

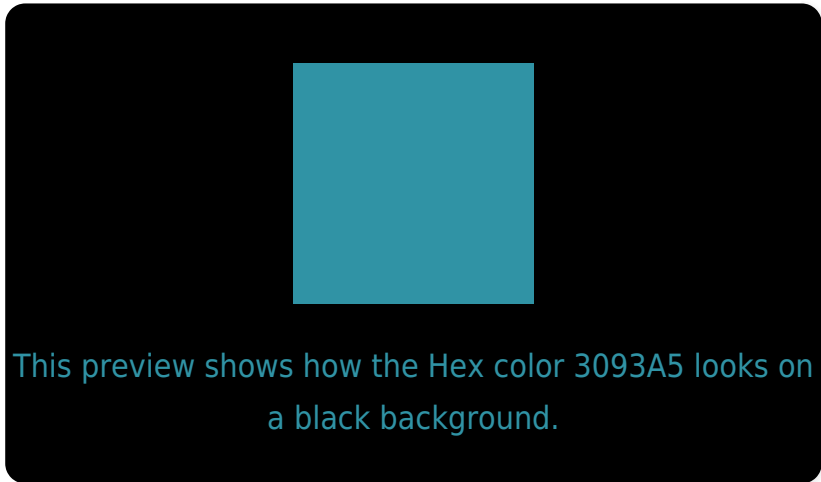
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

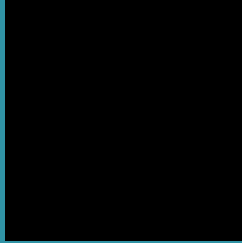
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3093A5 Background



This preview shows how black text looks on a background with the Hex color 3093A5.

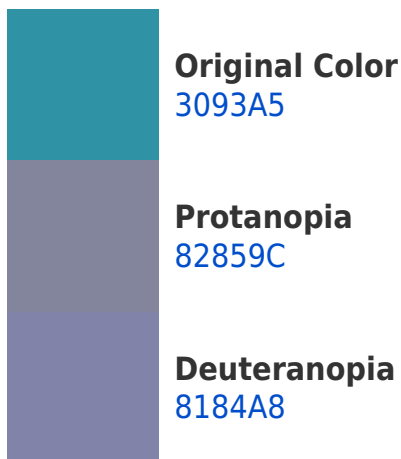


This preview shows how white text looks on a background with the Hex color 3093A5.

# 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**  
2D94A0

# Trichromacy



**Original Color**  
3093A5

**Protanomaly**  
648A9F

**Deuteranomaly**  
6489A7

**Tritanomaly**  
2E94A2

# Monochromacy



**Original Color**  
3093A5

**Achromatopsia**  
777777

**Achromatomaly**  
5D8188

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3093A5 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 #3093A5 looks like.

```
.text, #text, p{  
    color:#3093A5  
}
```

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 #3093A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3093A5
}
```

## Border

The CSS property to change the border of an element to Hex 3093A5 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
#3093A5 }
```

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

```
.border{ border-color:#3093A5 }
```

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

Here you see how a box with a 4 pixel #3093A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3093A5; -webkit-box-shadow:4px 4px  
4px 4px #3093A5; box-shadow:4px 4px 4px  
4px #3093A5 }
```

# Background

The CSS property to change the background color of an element to Hex 3093A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3093A5 }
```

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

```
.background{ background-color:#3093A5 }
```

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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