

Converting Colors

Hex(5097AD)

Have a look what the booklet for
Hex(5097AD) contains.

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Color

Hex(5097AD)

Conversions

Conversions Part 1

Format	Color
Hex	5097AD
RGB	80, 151, 173
RGB Percent	31%, 59%, 68%
CMY	0.6863, 0.4078, 0.3216
CMYK	0.54, 0.13, 0.00, 0.32
HSL	194°, 37%, 50%
HSV	194°, 54%, 68%
XYZ	21.9177, 26.8558, 43.5637
YIQ	132.2790, -49.3780, -8.2100

Conversions

Conversions Part 2

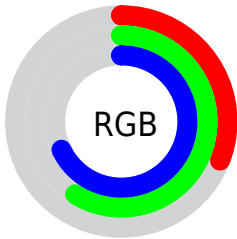
Format	Color
R_{YB}	80, 120, 173
Decimal	5281709
CIE _{Lab}	58.84, -15.98, -18.34
CIE _{LCh}	59, 24.321, 228.935
Yxy	26.8558, 0.2374, 0.2908
Android (android.graphics.Color)	4283471789 (0xFF5097AD)
YUV	132.2790, 20.0755, -45.8487
Hunter-Lab	51.8226, -15.1953, -13.5652

Details

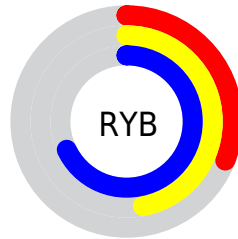
The Hex color **5097AD** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AD6650**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **88CDE4**, and **0C6479** is the 20% darker color. If you saturate the color by 10%, you get **3F93AD**, and if you desaturate by 10%, it is **619BAD**.

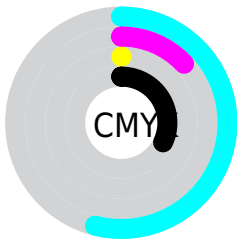
Distribution



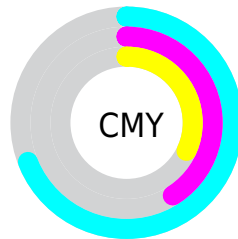
- Red (31%)
- Green (59%)
- Blue (68%)



- Red (31%)
- Yellow (47%)
- Blue (68%)



- Cyan (54%)
- Magenta (13%)
- Yellow (0%)
- Black (32%)



- Cyan (69%)
- Magenta (41%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5097AD 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 5097AD by changing the saturation by 10% instead.

■ 5097AD

■ 5097AD

FFFFFF

■ 337D92

■ 88CDE4

■ 0C6479

■ A4EAFF

■ 004C60

■ C0FFFF

■ 003548

■ DDDFFF

■ 002031

■ FFFFFFFF

■ 00021D

■ 000000

■ 5097AD

■ 5097AD

■ 3F93AD

■ 619BAD

■ 2D8FAD

■ 739FAD

■ 1C8BAD

■ 84A3AD

■ 0B87AD

■ 95A7AD

■ 0084AD

■ A7ABAD

■ B8B0AD

■ C9B4AD

■ DAB8AD

■ ECBCAD

Harmonies

Analogous

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



4E999B



5097AD



6792B7

Triad

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



5097AD



B37F96



8F9065

Complementary

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



5097AD



AD6650

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.



A48964



5097AD



B97E81

Square

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



5097AD



A184AA



B3836E



779671

Rectangle

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



5097AD



7C8DB7



B3836E



968E63

Sweetspot

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



5097AD



BCD8E0



50AD66



5B6B70



F0F0F0



707070

Same Dimension

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



5097AD



4FBEE0



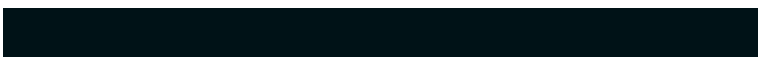
5069AD



4E5557



007396



001217

Inverse Universe

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



AD5097



E04FBE



AD9450



574E55



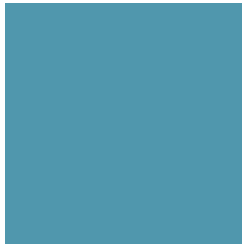
960073



170012

Previews

White Background



This preview shows how the Hex color 5097AD looks on a white background.

Color Contrast Check

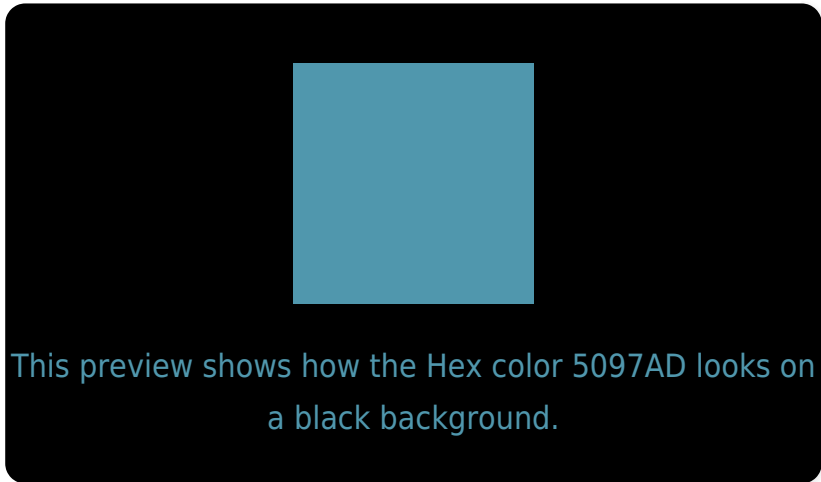
Large Text (above 18pt) WCAG AA ✓ Pass

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

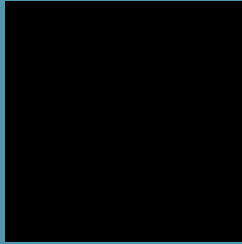
Any Text WCAG AA ✓ Pass

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 5097AD Background



This preview shows how black text looks on a background with the Hex color 5097AD.

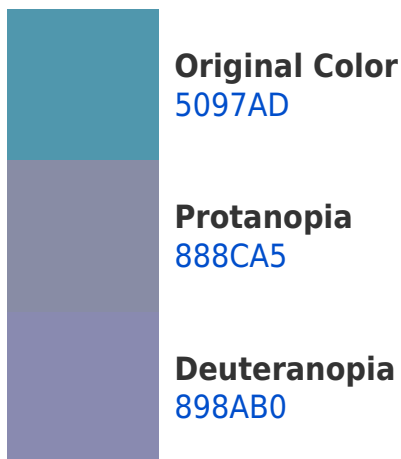


This preview shows how white text looks on a background with the Hex color 5097AD.

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](#).

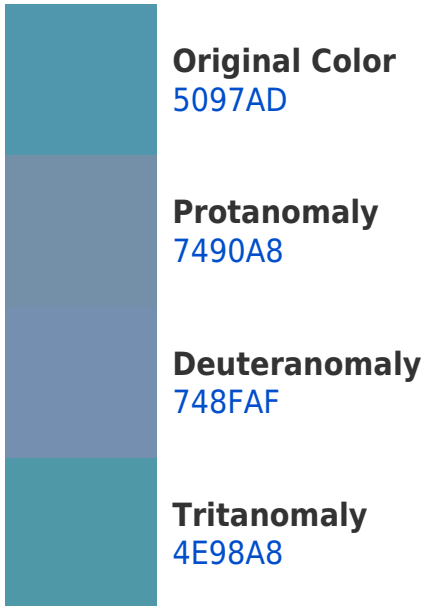
Dichromacy





Tritanopia
4D98A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5097AD 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 #5097AD looks like.

```
.text, #text, p{  
    color:#5097AD  
}
```

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 #5097AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5097AD
}
```

Border

The CSS property to change the border of an element to Hex 5097AD 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
#5097AD }
```

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

```
.border{ border-color:#5097AD }
```

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

Here you see how a box with a 4 pixel #5097AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5097AD; -webkit-box-shadow:4px 4px  
4px 4px #5097AD; box-shadow:4px 4px 4px  
4px #5097AD }
```

Background

The CSS property to change the background color of an element to Hex 5097AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5097AD }
```

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

```
.background{ background-color:#5097AD }
```

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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