

Converting Colors

Hex(4095A4)

Have a look what the booklet for
Hex(4095A4) contains.

| | |
|--|----|
| Hex(4095A4) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(4095A4)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4095A4 |
| RGB | 64, 149, 164 |
| RGB Percent | 25%, 58%, 64% |
| CMY | 0.7490, 0.4157, 0.3569 |
| CMYK | 0.61, 0.09, 0.00, 0.36 |
| HSL | 189°, 44%, 45% |
| HSV | 189°, 61%, 64% |
| XYZ | 19.5626, 25.2652, 38.9676 |
| YIQ | 125.2950, -55.4750, -13.3550 |

Conversions

Conversions Part 2

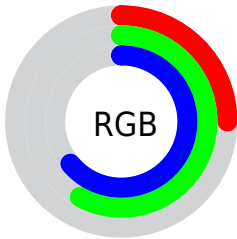
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 64, 110, 164 |
| Decimal | 4232612 |
| CIELab | 57.33, -20.88, -15.56 |
| CIELCh | 57, 26.039, 216.696 |
| Yxy | 25.2652, 0.2335, 0.3015 |
| Android (android.graphics.Color) | 4282422692 (0xFF4095A4) |
| YUV | 125.2950, 19.0816, -53.7557 |
| Hunter-Lab | 50.2645, -18.4918, -10.7794 |

Details

The Hex color **4095A4** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A44F40**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **7ACBDB**, and **006270** is the 20% darker color. If you saturate the color by 10%, you get **3093A4**, and if you desaturate by 10%, it is **5097A4**.

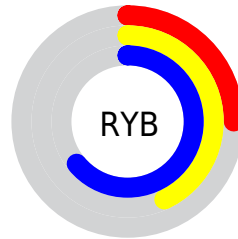
Distribution



Red (25%)

Green (58%)

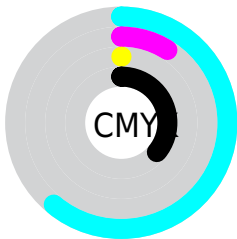
Blue (64%)



Red (25%)

Yellow (43%)

Blue (64%)

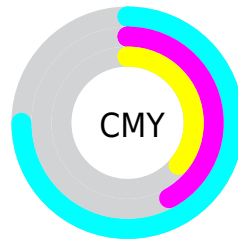


Cyan (61%)

Magenta (9%)

Yellow (0%)

Black (36%)



Cyan (75%)

Magenta (42%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4095A4 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 4095A4 by changing the saturation by 10% instead.


 4095A4

 4095A4

FFFFFF

 1E7B8A

 7ACBDB

 006270

 96E8F7

 004A58

 B3FFFF

 003340

 D0FFFF

 001F2A

 EDFFFF

 000116

 000000

 4095A4

 4095A4

 3093A4

 5097A4

■ 1F90A4

■ 619AA4

■ 0F8EA4

■ 719CA4

■ 008BA4

■ 829FA4

■ 92A1A4

■ A2A4A4

■ B3A6A4

■ C3A9A4

■ D4ABA4

Harmonies

Analogous

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



49968E



4095A4



5391B3

Triad

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



4095A4



AB7B9C



958A5C

Complementary

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



4095A4



A44F40

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.



A98260



4095A4



B67985

Square

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



4095A4



9382AE



B57B70



7C9065

Rectangle

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



4095A4



688DB7



B57B70



9C875C

Sweetspot

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



4095A4



B0D0D6



40A44F



54686B



EBEBEB



6B6B6B

Same Dimension

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



4095A4



3ABFD6



4063A4



495052



007C91



000F12

Inverse Universe

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



A44095



D63ABF



A48140



524950



91007C



12000F

Previews

White Background



This preview shows how the Hex color 4095A4 looks on a white background.

Color Contrast Check

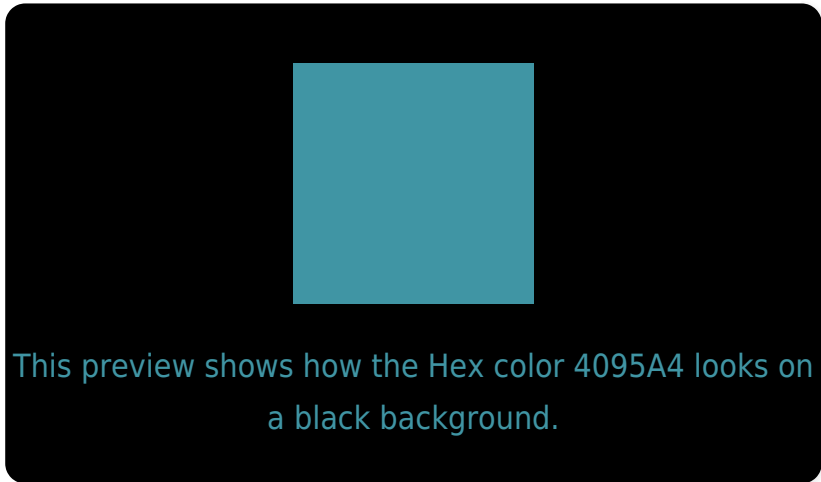
Large Text (above 18pt) WCAG AA ✓ Pass

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

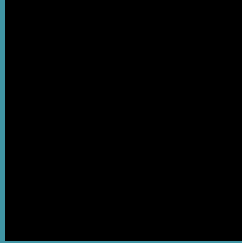
Any Text WCAG AA ✓ Pass

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 4095A4 Background



This preview shows how black text looks on a background with the Hex color 4095A4.

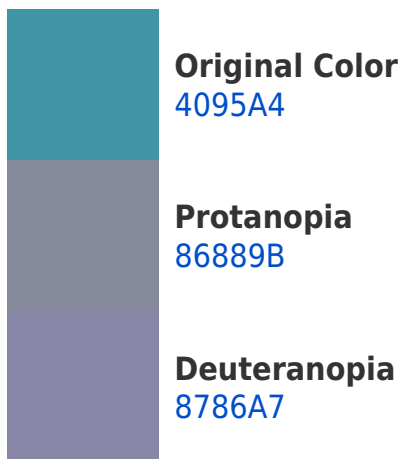


This preview shows how white text looks on a background with the Hex color 4095A4.

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](#).

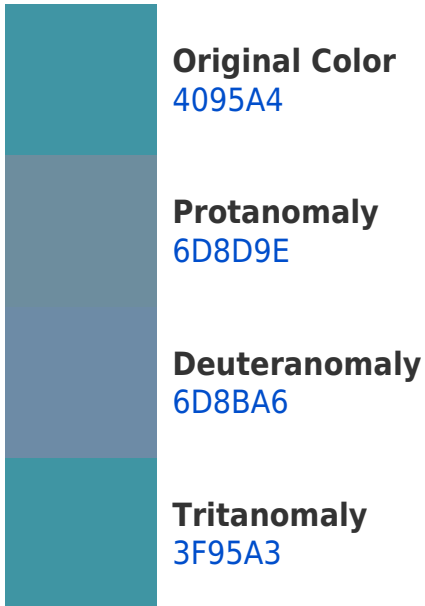
Dichromacy



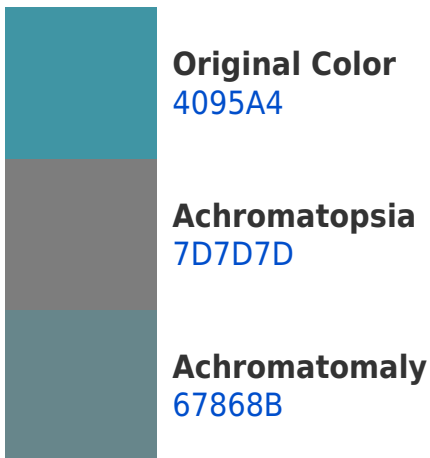


Tritanopia
3F95A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4095A4 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 #4095A4 looks like.

```
.text, #text, p{  
    color:#4095A4  
}
```

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 #4095A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4095A4
}
```

Border

The CSS property to change the border of an element to Hex 4095A4 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
#4095A4 }
```

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

```
.border{ border-color:#4095A4 }
```

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

Here you see how a box with a 4 pixel #4095A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4095A4; -webkit-box-shadow:4px 4px  
4px 4px #4095A4; box-shadow:4px 4px 4px  
4px #4095A4 }
```

Background

The CSS property to change the background color of an element to Hex 4095A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4095A4 }
```

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

```
.background{ background-color:#4095A4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor