

Converting Colors

Hex(2495AA)

Have a look what the booklet for
Hex(2495AA) contains.

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Color

Hex(2495AA)

Conversions

Conversions Part 1

Format	Color
Hex	2495AA
RGB	36, 149, 170
RGB Percent	14%, 58%, 67%
CMY	0.8588, 0.4157, 0.3333
CMYK	0.79, 0.12, 0.00, 0.33
HSL	189°, 65%, 40%
HSV	189°, 79%, 67%
XYZ	18.7307, 24.7722, 41.8245
YIQ	117.6070, -74.0890, -17.4250

Conversions

Conversions Part 2

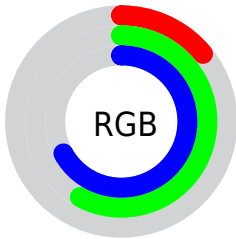
Format	Color
RYB	36, 97, 170
Decimal	2397610
CIELab	56.85, -23.06, -19.78
CIELCh	57, 30.375, 220.623
Yxy	24.7722, 0.2195, 0.2903
Android (android.graphics.Color)	4280587690 (0xFF2495AA)
YUV	117.6070, 25.8297, -71.5693
Hunter-Lab	49.7717, -19.9252, -14.9828

Details

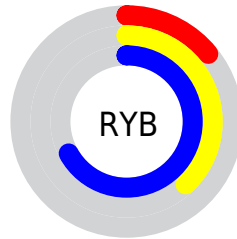
The Hex color **2495AA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA3924**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **68CBE1**, and **006276** is the 20% darker color. If you saturate the color by 10%, you get **1392AA**, and if you desaturate by 10%, it is **3598AA**.

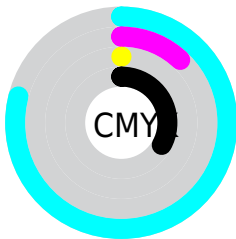
Distribution



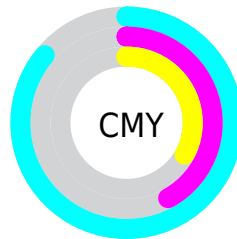
- Red (14%)
- Green (58%)
- Blue (67%)



- Red (14%)
- Yellow (38%)
- Blue (67%)



- Cyan (79%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)



- Cyan (86%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2495AA 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 2495AA by changing the saturation by 10% instead.

 2495AA

 2495AA

FFFFFF

 007B8F

 68CBE1

 006276

 86E8FE

 004A5D

 A3FFFF

 003345

 C1FFFF

 001F2F

 DFFFFF

 00011A

FDFFFF

 000000

 2495AA

 2495AA

 1392AA

 3598AA

0290AA

469AAA

008FAA

579DAA

68A0AA

79A2AA

8AA5AA

9BA8AA

ACAAAA

BDADAA

Harmonies

Analogous

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



329791



2495AA



4690BA

Triad

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



2495AA



B1769B



918A54

Complementary

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



2495AA



AA3924

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.



A98157



2495AA



BC7480

Square

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



2495AA



987EB1



B97867



74915F

Rectangle

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



2495AA



648BBD



B97867



9A8753

Sweetspot

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



2495AA



A9D6DE



24AA38



506B70



F0F0F0



707070

Same Dimension

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



2495AA



0BBDDE



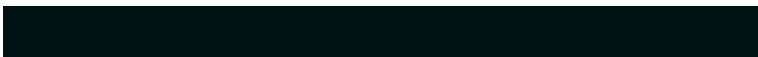
2453AA



4C5354



007D94



001114

Inverse Universe

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



AA2495



DE0BBD



AA7B24



544C53



94007D



140011

Previews

White Background



This preview shows how the Hex color 2495AA looks on a white background.

Color Contrast Check

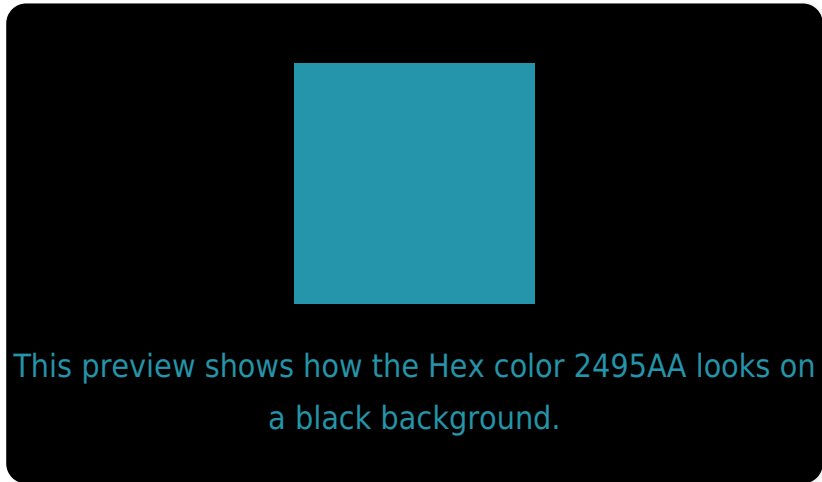
Large Text (above 18pt) WCAG AA ✓ Pass

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

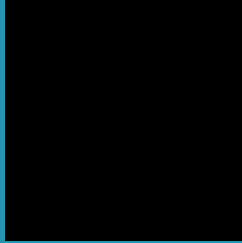
Any Text WCAG AA ✓ Pass

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 2495AA Background



This preview shows how black text looks on a background with the Hex color 2495AA.

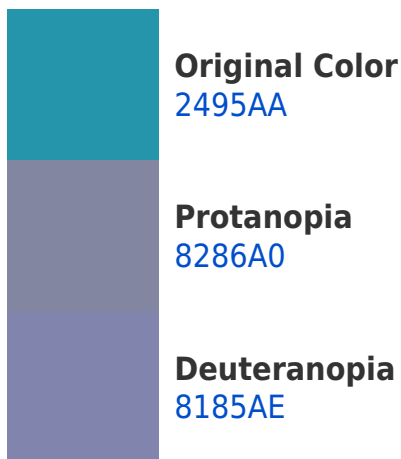


This preview shows how white text looks on a background with the Hex color 2495AA.

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](#).

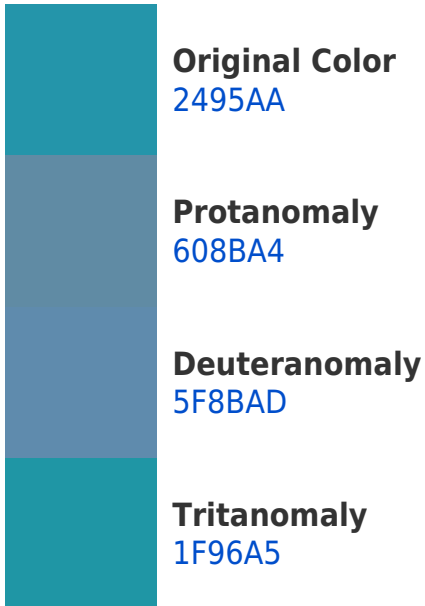
Dichromacy



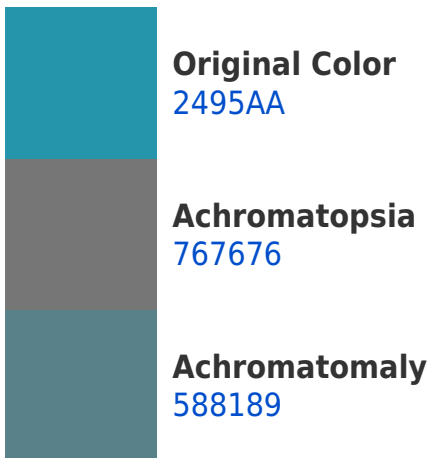


Tritanopia
1C96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2495AA 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 #2495AA looks like.

```
.text, #text, p{  
    color:#2495AA  
}
```

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 #2495AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2495AA
}
```

Border

The CSS property to change the border of an element to Hex 2495AA 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
#2495AA }
```

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

```
.border{ border-color:#2495AA }
```

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

Here you see how a box with a 4 pixel #2495AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2495AA; -webkit-box-shadow:4px 4px  
4px 4px #2495AA; box-shadow:4px 4px 4px  
4px #2495AA }
```

Background

The CSS property to change the background color of an element to Hex 2495AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2495AA }
```

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

```
.background{ background-color:#2495AA }
```

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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