

Converting Colors

Hex(3490A5)

Have a look what the booklet for
Hex(3490A5) contains.

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Color

Hex(3490A5)

Conversions

Conversions Part 1

Format	Color
Hex	3490A5
RGB	52, 144, 165
RGB Percent	20%, 56%, 65%
CMY	0.7961, 0.4353, 0.3529
CMYK	0.68, 0.13, 0.00, 0.35
HSL	191°, 52%, 43%
HSV	191°, 68%, 65%
XYZ	18.1810, 23.3932, 39.1544
YIQ	118.8860, -61.5730, -12.9730

Conversions

Conversions Part 2

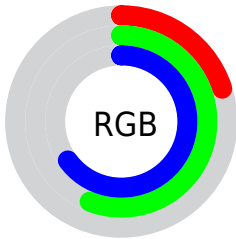
Format	Color
R_{YB}	52, 103, 165
Decimal	3444901
CIE _{Lab}	55.48, -19.99, -18.99
CIE _{LCh}	55, 27.573, 223.529
Yxy	23.3932, 0.2252, 0.2898
Android (android.graphics.Color)	4281634981 (0xFF3490A5)
YUV	118.8860, 22.7342, -58.6590
Hunter-Lab	48.3665, -17.5433, -14.1408

Details

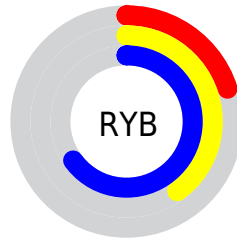
The Hex color **3490A5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A54934**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **71C6DC**, and **005D71** is the 20% darker color. If you saturate the color by 10%, you get **248DA5**, and if you desaturate by 10%, it is **4593A5**.

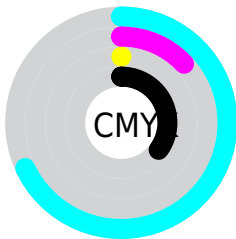
Distribution



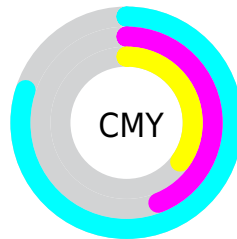
- Red (20%)
- Green (56%)
- Blue (65%)



- Red (20%)
- Yellow (40%)
- Blue (65%)



- Cyan (68%)
- Magenta (13%)
- Yellow (0%)
- Black (35%)



- Cyan (80%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3490A5 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 3490A5 by changing the saturation by 10% instead.

■ 3490A5

■ 3490A5

FFFFFF

■ 03768B

■ 71C6DC

■ 005D71

■ 8DE2F9

■ 004659

■ AAFFFF

■ 002F41

■ C7FFFF

■ 001C2B

■ E5FFFF

■ 000116

■ 000000

■ 3490A5

■ 3490A5

■ 248DA5

■ 4593A5

■ 138AA5

■ 5596A5

■ 0287A5

■ 6699A5

■ 0086A5

■ 769CA5

■ 869FA5

■ 97A2A5

■ A7A5A5

■ B8A9A5

■ C8ACA5

Harmonies

Analogous

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



39928F



3490A5



508BB2

Triad

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



3490A5



AC7493



8A8756

Complementary

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



3490A5



A54934

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.



A17F57



3490A5



B4737B

Square

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



3490A5



967BA8



B07765



708D61

Rectangle

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



3490A5



6986B4



B07765



928455

Sweetspot

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



3490A5



A9CED6



34A549



50666B



EBEBEB



6B6B6B

Same Dimension

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



3490A5



27B6D6



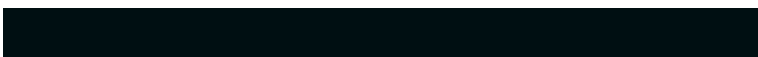
3458A5



495052



007691



000F12

Inverse Universe

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



A53490



D627B6



A58134



524950



910076



12000F

Previews

White Background



This preview shows how the Hex color 3490A5 looks on a white background.

Color Contrast Check

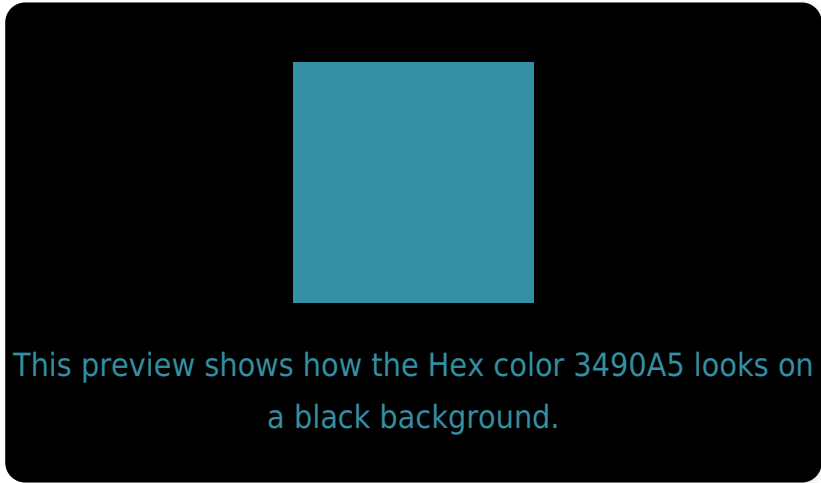
Large Text (above 18pt) WCAG AA ✓ Pass

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

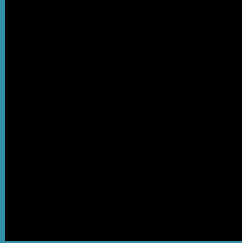
Any Text WCAG AA ✓ Pass

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 3490A5 Background



This preview shows how black text looks on a background with the Hex color 3490A5.



This preview shows how white text looks on a background with the Hex color 3490A5.

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](#).

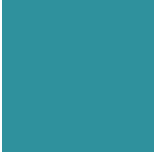
Dichromacy



Original Color
3490A5

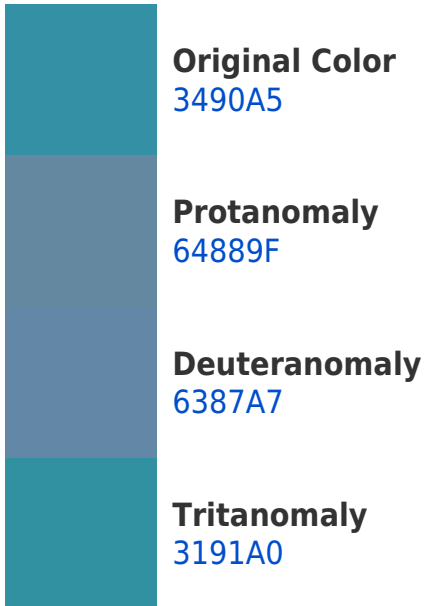
Protanopia
7F839C

Deuteranopia
7E82A8

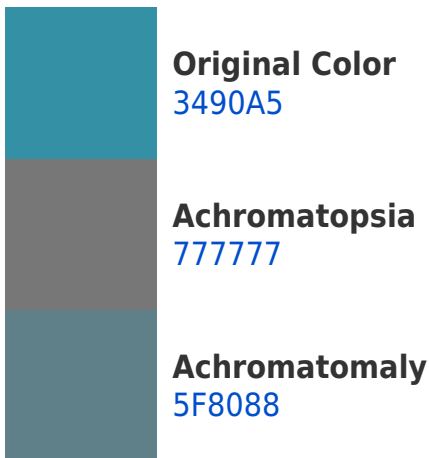


Tritanopia
2F919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3490A5 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 #3490A5 looks like.

```
.text, #text, p{  
    color:#3490A5  
}
```

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 #3490A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3490A5
}
```

Border

The CSS property to change the border of an element to Hex 3490A5 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
#3490A5 }
```

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

```
.border{ border-color:#3490A5 }
```

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

Here you see how a box with a 4 pixel #3490A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3490A5; -webkit-box-shadow:4px 4px  
4px 4px #3490A5; box-shadow:4px 4px 4px  
4px #3490A5 }
```

Background

The CSS property to change the background color of an element to Hex 3490A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3490A5 }
```

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

```
.background{ background-color:#3490A5 }
```

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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