

# Converting Colors

Hex(0A5494)

Have a look what the booklet for  
Hex(0A5494) contains.

<b>Hex(0A5494)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(0A5494)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0A5494
RGB	10, 84, 148
RGB Percent	4%, 33%, 58%
CMY	0.9608, 0.6706, 0.4196
CMYK	0.93, 0.43, 0.00, 0.42
HSL	208°, 87%, 31%
HSV	208°, 93%, 58%
XYZ	8.6408, 8.5433, 29.2106
YIQ	69.1700, -64.6480, 4.2160

# Conversions

## Conversions Part 2

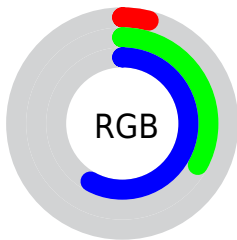
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 58, 148
Decimal	677012
CIE <sub>Lab</sub>	35.09, 4.61, -40.90
CIE <sub>LCh</sub>	35, 41.163, 276.429
Yxy	8.5433, 0.1862, 0.1841
Android (android.graphics.Color)	4278867092 (0xFF0A5494)
YUV	69.1700, 38.8632, -51.8921
Hunter-Lab	29.2289, 1.6184, -38.7926

# Details

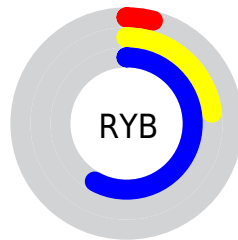
The Hex color **0A5494** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **944A0A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5585CB**, and **002861** is the 20% darker color. If you saturate the color by 10%, you get **004F94**, and if you desaturate by 10%, it is **195B94**.

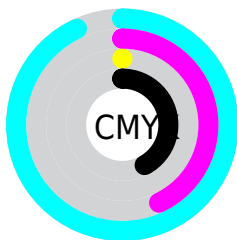
# Distribution



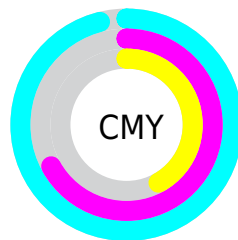
- Red (4%)
- Green (33%)
- Blue (58%)



- Red (4%)
- Yellow (23%)
- Blue (58%)



- Cyan (93%)
- Magenta (43%)
- Yellow (0%)
- Black (42%)



- Cyan (96%)
- Magenta (67%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A5494 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 0A5494 by changing the saturation by 10% instead.



■ 0A5494

■ 0A5494

FFFFFF

■ 003D7A

■ 5585CB

■ 002861

■ 729FE7

■ 001448

■ 8FB AFF

■ 000431

■ ACD5FF

■ 00011B

■ C9F2FF

■ 000000

■ E6FFFF

■ 0A5494

■ 0A5494

■ 004F94

■ 195B94

■ 286294

■ 366994

■ 456F94

■ 547694

■ 637D94

■ 728494

■ 808B94

■ 8F9294

# Harmonies

## Analogous

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



005D8F



0A5494



5D4788

# Triad

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



0A5494



893A2D



006037

# Complementary

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



0A5494



944A0A

# 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.



3A5C19



0A5494



784713

# Square

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



0A5494



8D324D



5D5306



006259

# Rectangle

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



0A5494



763D77



5D5306



165F2C



# Sweetspot

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



0A5494



8AA6BF



0A9448



405261



E0E0E0



616161



# Same Dimension

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



0A5494



0067BF



0A1194



43474A



004A8A



00050A



# Inverse Universe

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



940A54



BF0067



948D0A



4A4347



8A004A



0A0005



# Previews

## White Background



This preview shows how the Hex color 0A5494 looks on a white background.

## Color Contrast Check

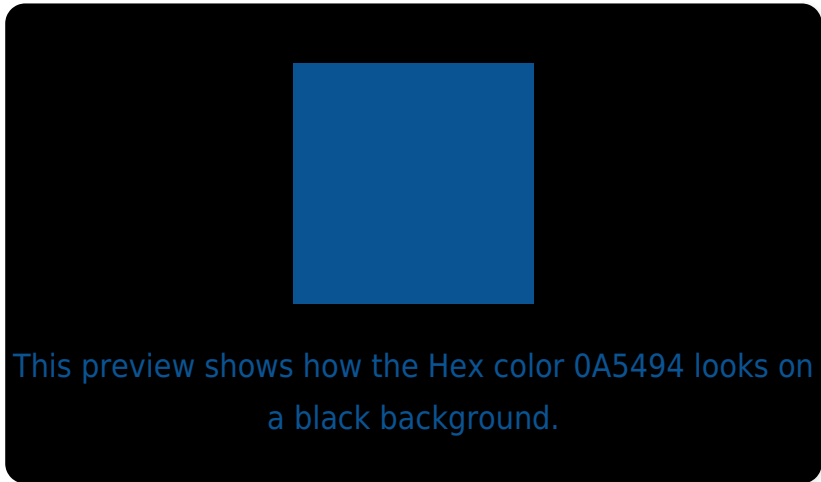
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

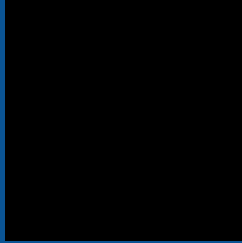
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A5494 Background



This preview shows how black text looks on a background with the Hex color 0A5494.




This preview shows how white text looks on a background with the Hex color 0A5494.

# 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



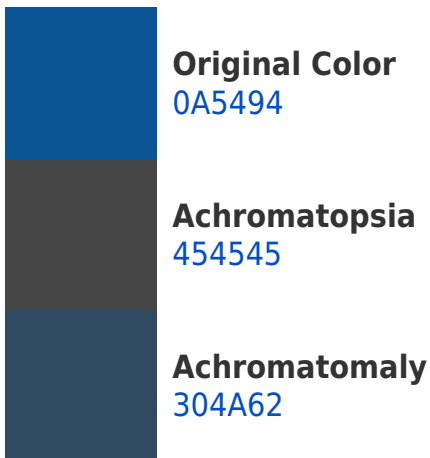


**Tritanopia**  
005C62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A5494 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 #0A5494 looks like.

```
.text, #text, p{  
    color:#0A5494  
}
```

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 #0A5494 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A5494
}
```

## Border

The CSS property to change the border of an element to Hex 0A5494 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
#0A5494 }
```

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

```
.border{ border-color:#0A5494 }
```

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

Here you see how a box with a 4 pixel #0A5494 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A5494; -webkit-box-shadow:4px 4px  
4px 4px #0A5494; box-shadow:4px 4px 4px  
4px #0A5494 }
```

# Background

The CSS property to change the background color of an element to Hex 0A5494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A5494 }
```

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

```
.background{ background-color:#0A5494 }
```

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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