

# Converting Colors

Hex(458693)

Have a look what the booklet for  
Hex(458693) contains.

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# Color

**Hex(458693)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	458693
RGB	69, 134, 147
RGB Percent	27%, 53%, 58%
CMY	0.7294, 0.4745, 0.4235
CMYK	0.53, 0.09, 0.00, 0.42
HSL	190°, 36%, 42%
HSV	190°, 53%, 58%
XYZ	16.2458, 20.4220, 30.6894
YIQ	116.0470, -42.9130, -9.7370

# Conversions

## Conversions Part 2

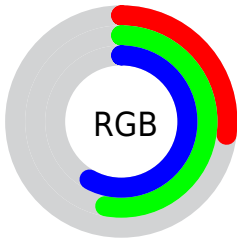
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 104, 147
Decimal	4556435
CIELab	52.31, -16.96, -13.35
CIElCh	52, 21.586, 218.215
Yxy	20.4220, 0.2412, 0.3032
Android (android.graphics.Color)	4282746515 (0xFF458693)
YUV	116.0470, 15.2598, -41.2602
Hunter-Lab	45.1907, -14.9140, -8.6308

# Details

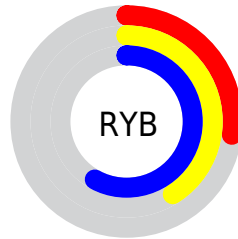
The Hex color **458693** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **935245**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **7BBBC9**, and **005460** is the 20% darker color. If you saturate the color by 10%, you get **368493**, and if you desaturate by 10%, it is **548893**.

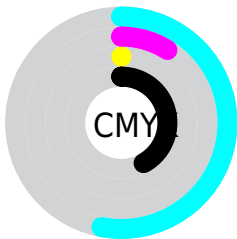
# Distribution



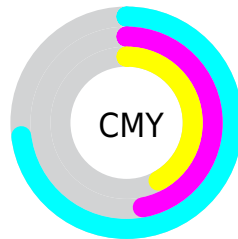
- Red (27%)
- Green (53%)
- Blue (58%)



- Red (27%)
- Yellow (41%)
- Blue (58%)



- Cyan (53%)
- Magenta (9%)
- Yellow (0%)
- Black (42%)



- Cyan (73%)
- Magenta (47%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 458693 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 458693 by changing the saturation by 10% instead.



 458693

 458693

FFFFFF

 296D79

 7BBBC9

 005460

 97D7E5

 003D49

 B3F4FF

 002732

 CFFFFF

 00101D

 ECEFFF

 000000

 458693

 458693

 368493

 548893

 288193

 628B93

■ 197F93

■ 718D93

■ 0A7C93

■ 809093

■ 007A93

■ 8E9293

■ 9D9593

■ AC9793

■ BB9A93

■ C99C93

# Harmonies

## Analogous

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



4A8781



458693



53829F

# Triad

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



458693



99718B



857D58

# Complementary

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



458693



935245

# 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.



96775B



458693



A26F78

# Square

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



458693



86769A



A07267



71835F

# Rectangle

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



458693



647FA1



A07267



8B7B58



# Sweetspot

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



458693



A1BABF



459352



4E5E61



E0E0E0



616161



# Same Dimension

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



458693



45ABBF



455F93



43494A



00738A



00080A



# Inverse Universe

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



934586



BF45AB



937945



4A4349



8A0073

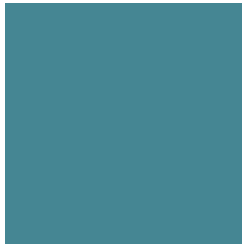


0A0009



# Previews

## White Background



This preview shows how the Hex color 458693 looks on a white background.

## Color Contrast Check

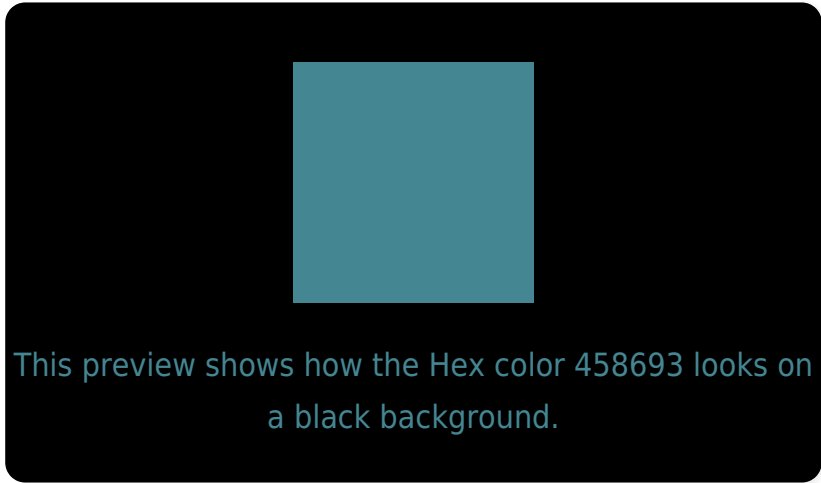
Large Text (above 18pt) WCAG AA ✓ Pass

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

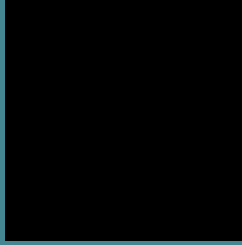
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 458693 Background



This preview shows how black text looks on a background with the Hex color 458693.



This preview shows how white text looks on a background with the Hex color 458693.

# 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



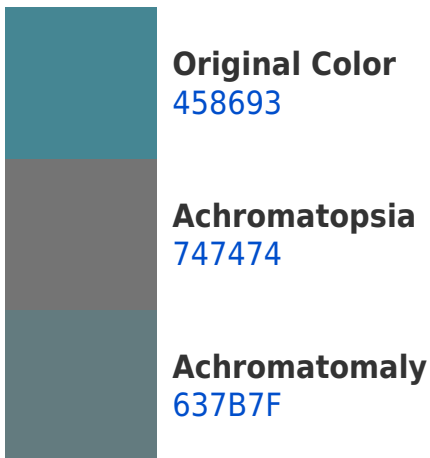


**Tritanopia**  
448691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 458693 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 #458693 looks like.

```
.text, #text, p{  
    color:#458693  
}
```

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 #458693 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #458693
}
```

## Border

The CSS property to change the border of an element to Hex 458693 is called "border". The border property can be set on classes, ids or directly on the HTML element.

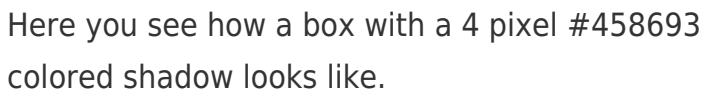
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#458693 }
```

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

```
.border{ border-color:#458693 }
```

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



Here you see how a box with a 4 pixel #458693 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #458693; -webkit-box-shadow:4px 4px  
4px 4px #458693; box-shadow:4px 4px 4px  
4px #458693 }
```

# Background

The CSS property to change the background color of an element to Hex 458693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#458693 }
```

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

```
.background{ background-color:#458693 }
```

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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