

# Converting Colors

Hex(458D91)

Have a look what the booklet for  
Hex(458D91) contains.

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# Color

**Hex(458D91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	458D91
RGB	69, 141, 145
RGB Percent	27%, 55%, 57%
CMY	0.7294, 0.4471, 0.4314
CMYK	0.52, 0.03, 0.00, 0.43
HSL	183°, 36%, 42%
HSV	183°, 52%, 57%
XYZ	17.0900, 22.3593, 30.2031
YIQ	119.9280, -44.1960, -14.0200

# Conversions

## Conversions Part 2

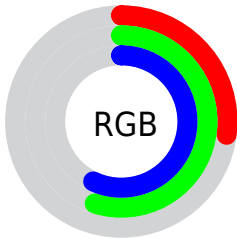
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 106, 145
Decimal	4558225
CIE <sub>Lab</sub>	54.41, -21.27, -9.04
CIE <sub>LCh</sub>	54, 23.109, 203.041
Yxy	22.3593, 0.2454, 0.3210
Android (android.graphics.Color)	4282748305 (0xFF458D91)
YUV	119.9280, 12.3605, -44.6639
Hunter-Lab	47.2856, -18.2364, -4.7708




# Details

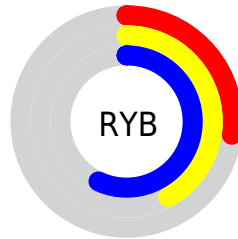
The Hex color **458D91** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **914945**, and the grayscale version is **787878**.




A 20% lighter version of the original color is **7CC3C7**, and **005A5F** is the 20% darker color. If you saturate the color by 10%, you get **378C91**, and if you desaturate by 10%, it is **538E91**.

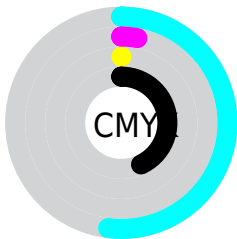
# Distribution







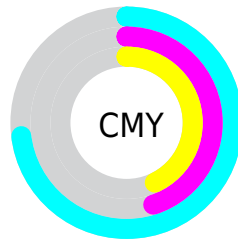
-  Red (27%)
-  Green (55%)
-  Blue (57%)






-  Red (27%)
-  Yellow (42%)
-  Blue (57%)



-  Cyan (52%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (43%)



-  Cyan (73%)
-  Magenta (45%)
-  Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 458D91 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 458D91 by changing the saturation by 10% instead.



 458D91

 458D91

FFFFFF

 287377

 7CC3C7

 005A5F

 97DFE3

 004347

 B3FCFF

 002C31

 D0FFFF

 00191C

 EDFFFF

 000000

 458D91

 458D91

 378C91

 538E91

 288B91

 628F91

■ 198B91

■ 718F91

■ 0B8A91

■ 7F9091

■ 008991

■ 8D9191

■ 9C9291

■ AB9291

■ B99391

■ C89491

# Harmonies

## Analogous

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



538D7D



458D91



4A8AA1

# Triad

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



458D91



97789A



957F5B

# Complementary

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



458D91



914945

# 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.



A47963



458D91



A67488

# Square

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



458D91



7F7FA7



AA7473



80865D

# Rectangle

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



458D91



5987A8



AA7473



9B7D5C



# Sweetspot

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



458D91



9FBBBD



459149



4C5D5E



DEDEDE



5E5E5E



# Same Dimension

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



458D91



46B6BD



456791



404747



008087



000708



# Inverse Universe

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



91458D



BD46B6



916F45



474047



870080

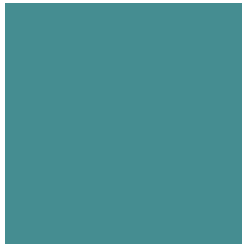


080007



# Previews

## White Background



This preview shows how the Hex color 458D91 looks on a white background.

## Color Contrast Check

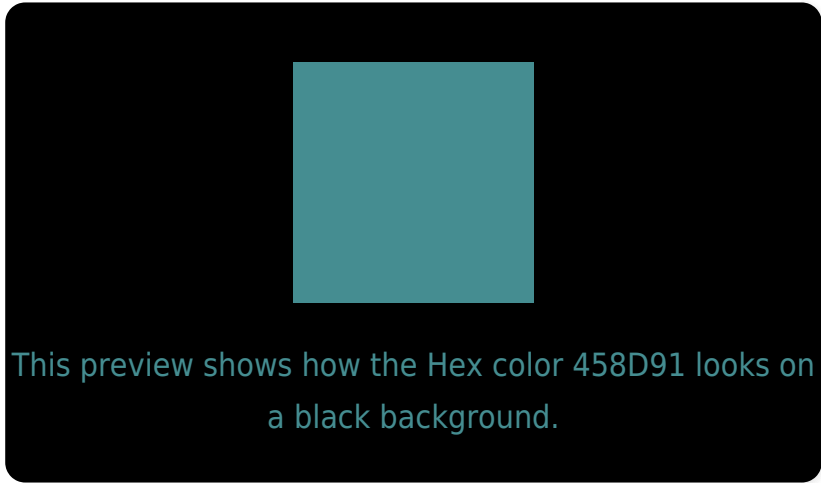
Large Text (above 18pt) WCAG AA ✓ Pass

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

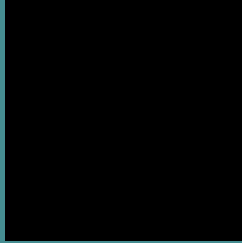
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 458D91 Background



This preview shows how black text looks on a background with the Hex color 458D91.

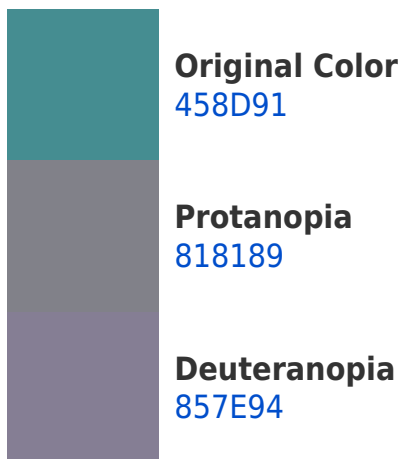


This preview shows how white text looks on a background with the Hex color 458D91.

# 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



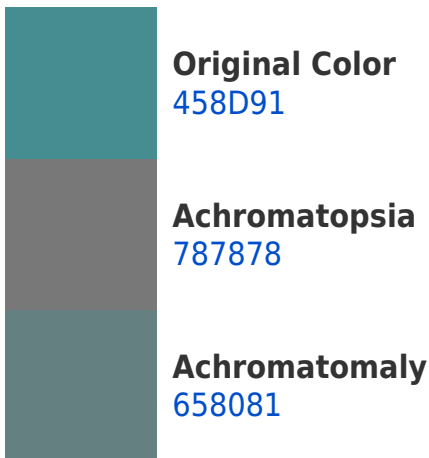


**Tritanopia**  
478C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 458D91 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 #458D91 looks like.

```
.text, #text, p{  
    color:#458D91  
}
```

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 #458D91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #458D91
}
```

## Border

The CSS property to change the border of an element to Hex 458D91 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
#458D91 }
```

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

```
.border{ border-color:#458D91 }
```

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

Here you see how a box with a 4 pixel #458D91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #458D91; -webkit-box-shadow:4px 4px  
4px 4px #458D91; box-shadow:4px 4px 4px  
4px #458D91 }
```

# Background

The CSS property to change the background color of an element to Hex 458D91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#458D91 }
```

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

```
.background{ background-color:#458D91 }
```

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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