

# Converting Colors

Hex(72A596)

Have a look what the booklet for  
Hex(72A596) contains.

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# **Color**

**Hex(72A596)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72A596
RGB	114, 165, 150
RGB Percent	45%, 65%, 59%
CMY	0.5529, 0.3529, 0.4118
CMYK	0.31, 0.00, 0.09, 0.35
HSL	162°, 22%, 55%
HSV	162°, 31%, 65%
XYZ	25.8996, 32.6897, 33.7988
YIQ	148.0410, -25.5810, -15.4770

# Conversions

## Conversions Part 2

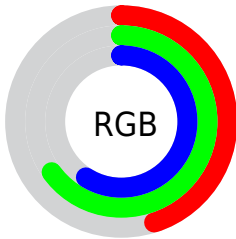
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 144, 165
Decimal	7513494
CIELab	63.91, -20.28, 2.36
CIELCh	64, 20.415, 173.374
Yxy	32.6897, 0.2803, 0.3538
Android (android.graphics.Color)	4285703574 (0xFF72A596)
YUV	148.0410, 0.9658, -29.8540
Hunter-Lab	57.1749, -19.1976, 4.9732

# Details

The Hex color **72A596** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A57281**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A7DCCC**, and **3F7163** is the 20% darker color. If you saturate the color by 10%, you get **62A591**, and if you desaturate by 10%, it is **83A59B**.

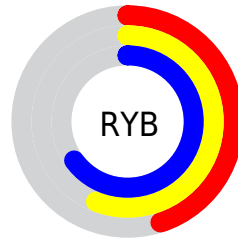
# Distribution



Red (45%)

Green (65%)

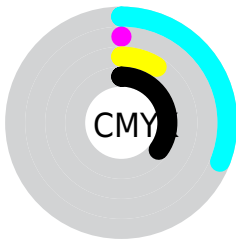
Blue (59%)



Red (45%)

Yellow (56%)

Blue (65%)

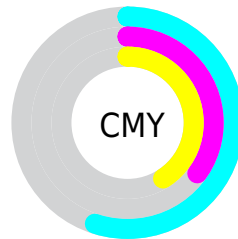


Cyan (31%)

Magenta (0%)

Yellow (9%)

Black (35%)



Cyan (55%)

Magenta (35%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72A596 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 72A596 by changing the saturation by 10% instead.





72A596



72A596

FFFFFF



588B7C



A7DCCC



3F7163



C3F9E8



27584B



DFFFFF



0C4135



FCFEFC



002A20



001608



000000



72A596



72A596



62A591



83A59B

■ 51A58C

■ 93A5A0

■ 41A587

■ A3A5A5

■ 30A583

■ B4A5A9

■ 1FA57E

■ C4A5AE

■ 0FA579

■ D5A5B3

■ 00A574

■ E5A5B8

■ F6A5BD

■ FFA5C2

# Harmonies

## Analogous

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



85A385



72A596



68A5A9

# Triad

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



72A596



9998BC



BA927E

# Complementary

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



72A596



A57281

# 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.



C08F8D



72A596



AF92B1

# Square

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



72A596



809EBF



BD8EA0



AC9877

# Rectangle

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



72A596



69A4B3



BD8EA0



BD9183



# Sweetspot

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



72A596



C3D6D1



81A572



5F6B68



EBEBEB



6B6B6B



# Same Dimension

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



72A596



87D6BF



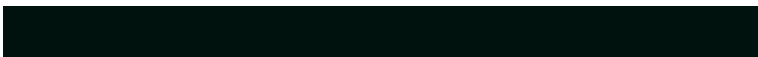
729BA5



49524F



009167



00120D



# Inverse Universe

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



A57281



D6879E



A57C72



52494C



91002B



120005



# Previews

## White Background



This preview shows how the Hex color 72A596 looks on a white background.

## Color Contrast Check

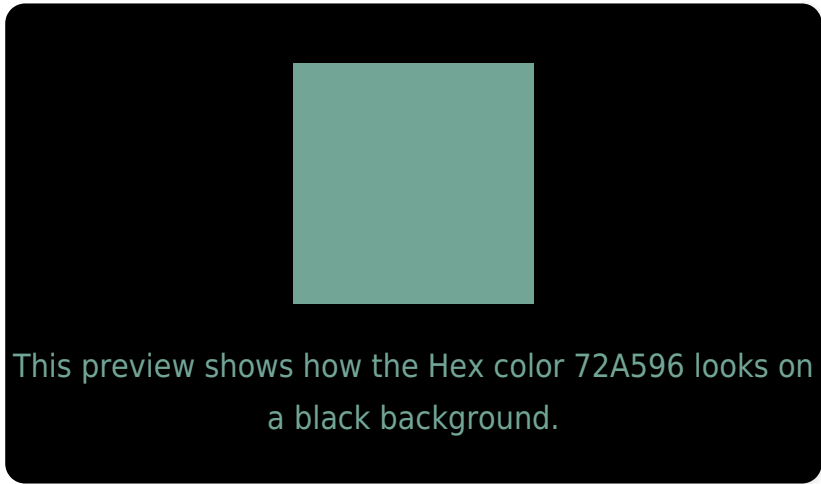
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

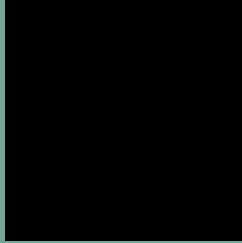
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72A596 Background



This preview shows how black text looks on a background with the Hex color 72A596.

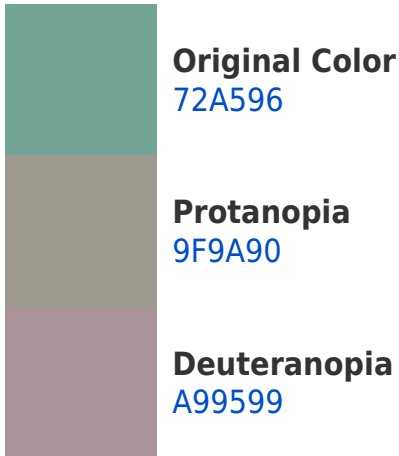


This preview shows how white text looks on a background with the Hex color 72A596.

# 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



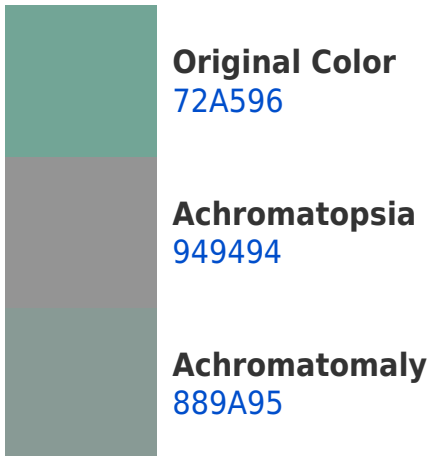


**Tritanopia**  
77A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72A596 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 #72A596 looks like.

```
.text, #text, p{  
    color:#72A596  
}
```

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 #72A596 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72A596
}
```

## Border

The CSS property to change the border of an element to Hex 72A596 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
#72A596 }
```

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

```
.border{ border-color:#72A596 }
```

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

Here you see how a box with a 4 pixel #72A596 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72A596; -webkit-box-shadow:4px 4px  
4px 4px #72A596; box-shadow:4px 4px 4px  
4px #72A596 }
```

# Background

The CSS property to change the background color of an element to Hex 72A596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72A596 }
```

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

```
.background{ background-color:#72A596 }
```

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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