

Converting Colors

Hex(4178A2)

Have a look what the booklet for
Hex(4178A2) contains.

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Color

Hex(4178A2)

Conversions

Conversions Part 1

Format	Color
Hex	4178A2
RGB	65, 120, 162
RGB Percent	25%, 47%, 64%
CMY	0.7451, 0.5294, 0.3647
CMYK	0.60, 0.26, 0.00, 0.36
HSL	206°, 43%, 45%
HSV	206°, 60%, 64%
XYZ	15.4180, 17.1654, 36.6831
YIQ	108.3430, -46.2620, 1.4020

Conversions

Conversions Part 2

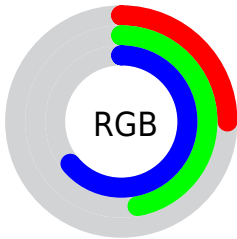
Format	Color
R _Y B	65, 100, 162
Decimal	4290722
CIE Lab	48.47, -5.19, -28.01
CIE LCh	48, 28.491, 259.505
Yxy	17.1654, 0.2226, 0.2478
Android (android.graphics.Color)	4282480802 (0xFF4178A2)
YUV	108.3430, 26.4529, -38.0118
Hunter-Lab	41.4311, -6.0782, -23.4935

Details

The Hex color **4178A2** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A26B41**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **79ACD9**, and **00486E** is the 20% darker color. If you saturate the color by 10%, you get **3171A2**, and if you desaturate by 10%, it is **517FA2**.

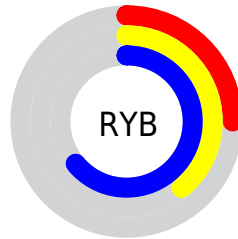
Distribution



Red (25%)

Green (47%)

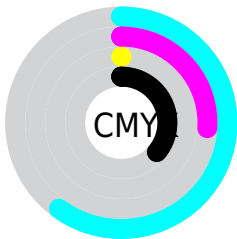
Blue (64%)



Red (25%)

Yellow (39%)

Blue (64%)

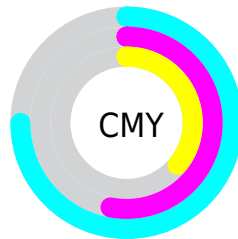


Cyan (60%)

Magenta (26%)

Yellow (0%)

Black (36%)



Cyan (75%)

Magenta (53%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4178A2 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 4178A2 by changing the saturation by 10% instead.

■ 4178A2

■ 4178A2

FFFFFF

■ 225F88

■ 79ACD9

■ 00486E

■ 95C7F6

■ 003156

■ B1E3FF

■ 001D3E

■ CDFFFF

■ 000328

■ EBFFFF

■ 000112

■ 000000

■ 4178A2

■ 4178A2

■ 3171A2

■ 517FA2

■ 216AA2

■ 6186A2

■ 1063A2

■ 728DA2

■ 005CA2

■ 8294A2

■ 929BA2

■ A2A2A2

■ B2A9A2

■ C3B0A2

■ D3B7A2

Harmonies

Analogous

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



147D97



4178A2



6970A0

Triad

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



4178A2



A26164



587C53

Complementary

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



4178A2



A26B41

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.



737745



4178A2



9B664F

Square

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



4178A2



9C617D



8A6F44



387F6A

Rectangle

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



4178A2



806A98



8A6F44



617B4D

Sweetspot

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



4178A2



AEC3D4



41A269



54616B



EBEBEB



6B6B6B

Same Dimension

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



4178A2



3B92D4



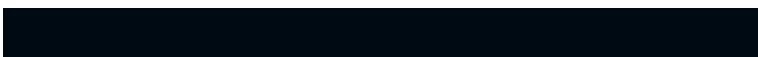
4149A2



494E52



005291



000A12

Inverse Universe

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



A24178



D43B92



A29A41



52494E



910052



12000A

Previews

White Background



This preview shows how the Hex color 4178A2 looks on a white background.

Color Contrast Check

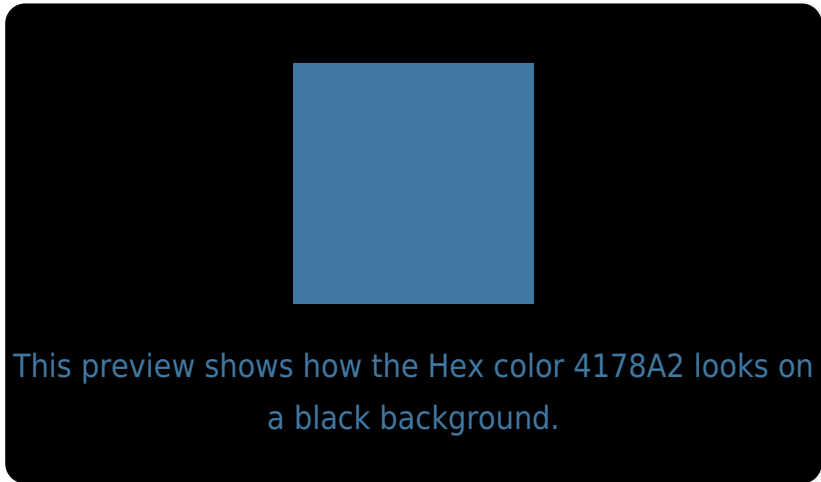
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

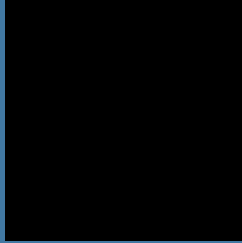
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

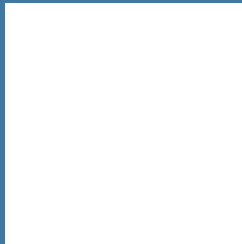
Any Text WCAG AAA × Fail

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

Hex 4178A2 Background



This preview shows how black text looks on a background with the Hex color 4178A2.

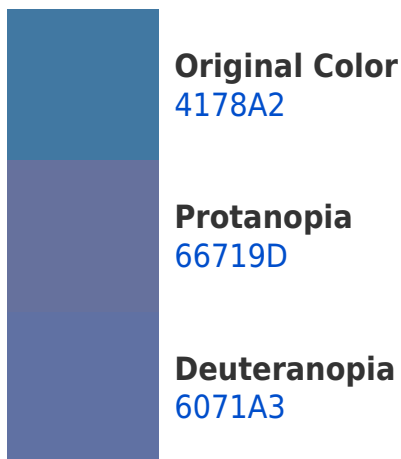



This preview shows how white text looks on a background with the Hex color 4178A2.

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](#).

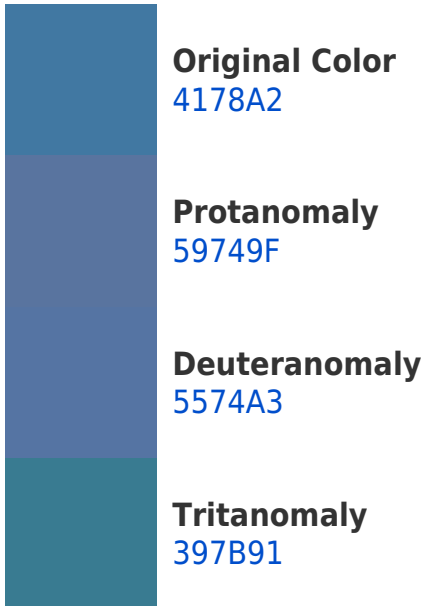
Dichromacy



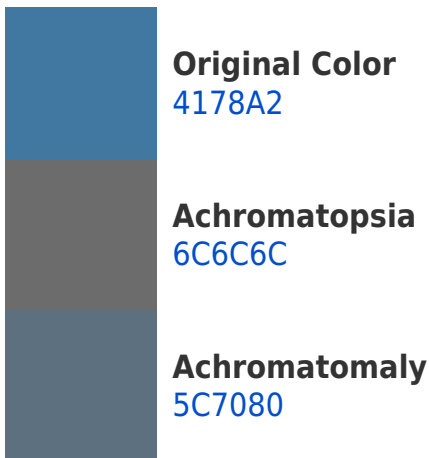


Tritanopia
357D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4178A2 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 #4178A2 looks like.

```
.text, #text, p{  
    color:#4178A2  
}
```

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 #4178A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4178A2
}
```

Border

The CSS property to change the border of an element to Hex 4178A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

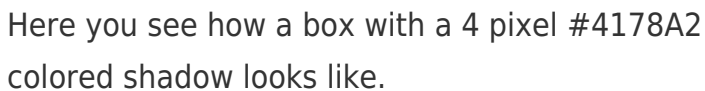
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4178A2 }
```

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

```
.border{ border-color:#4178A2 }
```

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



Here you see how a box with a 4 pixel #4178A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4178A2; -webkit-box-shadow:4px 4px  
4px 4px #4178A2; box-shadow:4px 4px 4px  
4px #4178A2 }
```

Background

The CSS property to change the background color of an element to Hex 4178A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4178A2 }
```

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

```
.background{ background-color:#4178A2 }
```

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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