

# Converting Colors

Hex(2259A4)

Have a look what the booklet for  
Hex(2259A4) contains.

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# Color

Hex(2259A4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2259A4
RGB	34, 89, 164
RGB Percent	13%, 35%, 64%
CMY	0.8667, 0.6510, 0.3569
CMYK	0.79, 0.46, 0.00, 0.36
HSL	215°, 66%, 39%
HSV	215°, 79%, 64%
XYZ	10.9329, 10.1652, 36.5078
YIQ	81.1050, -56.8550, 11.6650

# Conversions

## Conversions Part 2

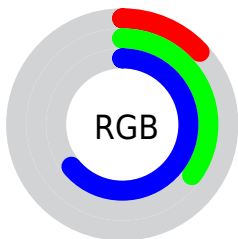
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 73, 164
Decimal	2251172
CIELab	38.14, 9.82, -45.60
CIElCh	38, 46.648, 282.147
Yxy	10.1652, 0.1898, 0.1765
Android (android.graphics.Color)	4280441252 (0xFF2259A4)
YUV	81.1050, 40.8672, -41.3111
Hunter-Lab	31.8829, 5.4141, -45.5726

# Details

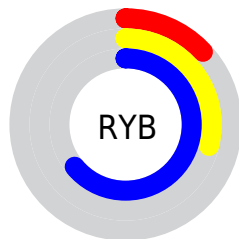
The Hex color **2259A4** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A46D22**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **638ADC**, and **002D6F** is the 20% darker color. If you saturate the color by 10%, you get **1250A4**, and if you desaturate by 10%, it is **3262A4**.

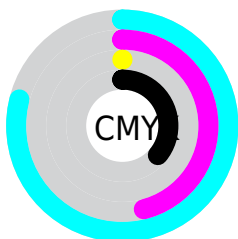
# Distribution



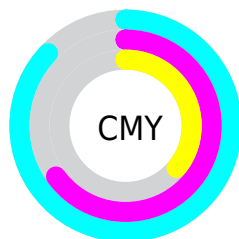
- Red (13%)
- Green (35%)
- Blue (64%)



- Red (13%)
- Yellow (29%)
- Blue (64%)



- Cyan (79%)
- Magenta (46%)
- Yellow (0%)
- Black (36%)



- Cyan (87%)
- Magenta (65%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2259A4 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 2259A4 by changing the saturation by 10% instead.



■ 2259A4                      ■ 2259A4

FFFFFF                      ■ 004289

■ 638ADC                      ■ 002D6F

■ 80A5F8                      ■ 001957

■ 9DC0FF                      ■ 00053F

■ BADBFF                      ■ 000328

■ D7F8FF                      ■ 000112

■ F5FFFF                      ■ 000000

■ 2259A4                      ■ 2259A4

■ 1250A4                      ■ 3262A4

■ 0146A4

■ 436CA4

■ 0045A4

■ 5375A4

■ 647FA4

■ 7488A4

■ 8492A4

■ 959BA4

■ A5A5A4

■ B6AEA4

# Harmonies

## Analogous

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



0064A2



2259A4



6F4992

# Triad

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



2259A4



953F29



006A41

# Complementary

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



2259A4



A46D22

# 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.



33651C



2259A4



7E5008

# Square

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



2259A4



9D344C



5E5D00



006B69

# Rectangle

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



2259A4



893D7E



5E5D00



006934



# Sweetspot

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



2259A4



A3B9D6



22A46C



4C596B



EBEBEB



6B6B6B



# Same Dimension

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



2259A4



0B61D6



2B22A4



494D52



003D91



000812



# Inverse Universe

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



A42259



D60B61



9BA422



52494D



91003D



120008



# Previews

## White Background



This preview shows how the Hex color 2259A4 looks on a white background.

## Color Contrast Check

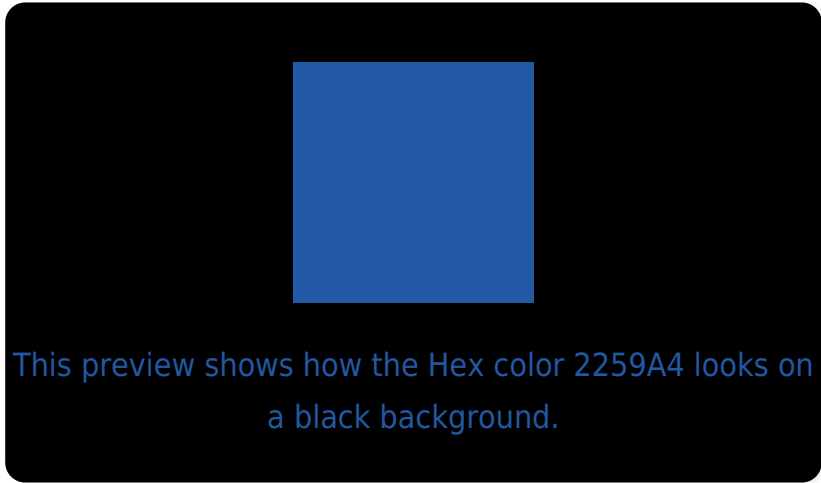
Large Text (above 18pt) WCAG AA ✓ Pass

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 2259A4 Background



This preview shows how black text looks on a background with the Hex color 2259A4.



This preview shows how white text looks on a background with the Hex color 2259A4.

# 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](#).

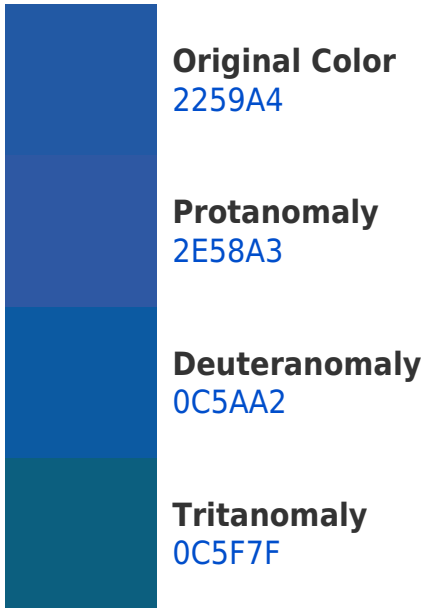
## Dichromacy



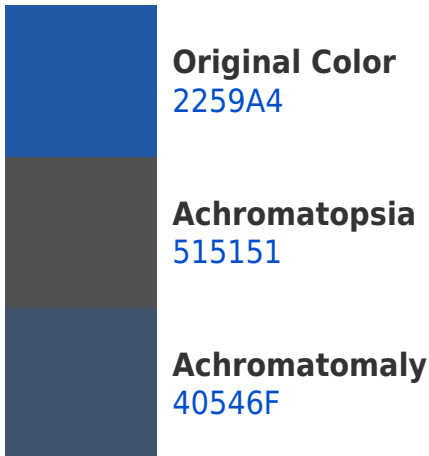


**Tritanopia**  
00636A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2259A4 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 #2259A4 looks like.

```
.text, #text, p{  
    color:#2259A4  
}
```

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 #2259A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2259A4
}
```

## Border

The CSS property to change the border of an element to Hex 2259A4 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
#2259A4 }
```

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

```
.border{ border-color:#2259A4 }
```

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

Here you see how a box with a 4 pixel #2259A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2259A4; -webkit-box-shadow:4px 4px  
4px 4px #2259A4; box-shadow:4px 4px 4px  
4px #2259A4 }
```

# Background

The CSS property to change the background color of an element to Hex 2259A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2259A4 }
```

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

```
.background{ background-color:#2259A4 }
```

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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