

Converting Colors

Hex(2149A4)

Have a look what the booklet for
Hex(2149A4) contains.

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Color

Hex(2149A4)

Conversions

Conversions Part 1

Format	Color
Hex	2149A4
RGB	33, 73, 164
RGB Percent	13%, 29%, 64%
CMY	0.8706, 0.7137, 0.3569
CMYK	0.80, 0.55, 0.00, 0.36
HSL	222°, 66%, 39%
HSV	222°, 80%, 64%
XYZ	9.7106, 7.7688, 36.1097
YIQ	71.4140, -53.0510, 19.8210

Conversions

Conversions Part 2

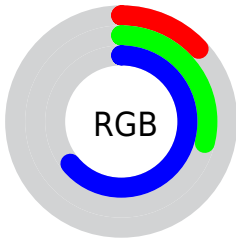
Format	Color
RYB	33, 64, 164
Decimal	2181540
CIELab	33.50, 20.40, -53.10
CIElCh	33, 56.880, 291.013
Yxy	7.7688, 0.1812, 0.1450
Android (android.graphics.Color)	4280371620 (0xFF2149A4)
YUV	71.4140, 45.6449, -33.6891
Hunter-Lab	27.8725, 13.4113, -57.3013




Details

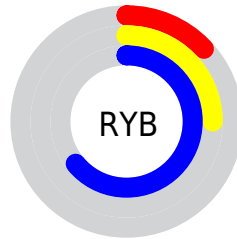
The Hex color **2149A4** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **A47C21**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **6379DC**, and **001F6F** is the 20% darker color. If you saturate the color by 10%, you get **113EA4**, and if you desaturate by 10%, it is **3154A4**.

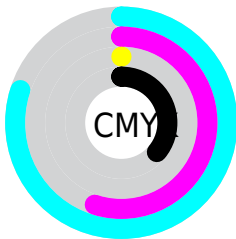
Distribution







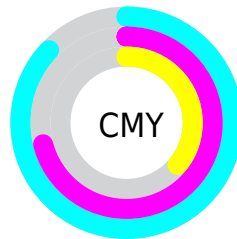
-  Red (13%)
-  Green (29%)
-  Blue (64%)






-  Red (13%)
-  Yellow (25%)
-  Blue (64%)



-  Cyan (80%)
-  Magenta (55%)
-  Yellow (0%)
-  Black (36%)



-  Cyan (87%)
-  Magenta (71%)
-  Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2149A4 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 2149A4 by changing the saturation by 10% instead.

■ 2149A4

■ 2149A4

FFFFFF

■ 003389

■ 6379DC

■ 001F6F

■ 8193F9

■ 000856

■ 9EADFF

■ 00063E

■ BBC8FF

■ 000327

■ D8E4FF

■ 000111

■ F6FFFF

■ 000000

■ 2149A4

■ 2149A4

■ 113EA4

■ 3154A4

0032A4

4260A4

526BA4

6377A4

7382A4

838DA4

9499A4

A4A4A4

B5B0A4

Harmonies

Analogous

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



0059A9



2149A4



763088

Triad

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



2149A4



8B3202



00613F

Complementary

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



2149A4



A47C21

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.



005E0C



2149A4



6C4800

Square

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



2149A4



9B1632



435600



00626E

Rectangle

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



2149A4



8F1C6D



435600



00602F

Sweetspot

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



2149A4



A3B2D6



21A47B



4C566B



EBEBEB



6B6B6B

Same Dimension

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



2149A4



0947D6



3921A4



494C52



002C91



000512

Inverse Universe

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



A42149



D60947



8CA421



52494C



91002C



120005

Previews

White Background



This preview shows how the Hex color 2149A4 looks on a white background.

Color Contrast Check

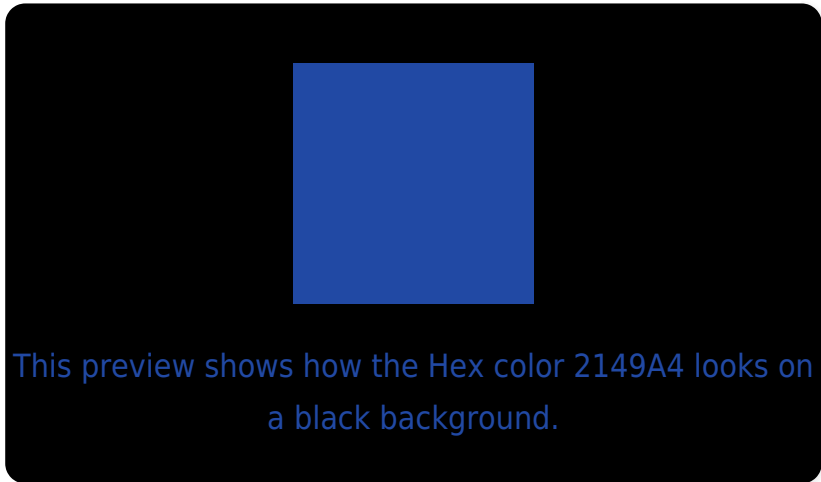
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

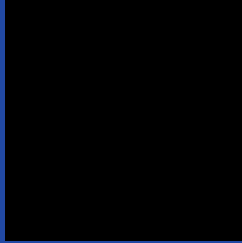
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 2149A4 Background



This preview shows how black text looks on a background with the Hex color 2149A4.

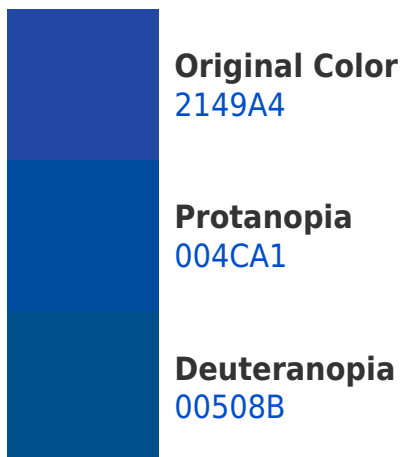



This preview shows how white text looks on a background with the Hex color 2149A4.

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
00575D

Trichromacy



Original Color
2149A4

Protanomaly
0C4BA2

Deuteranomaly
0C4D94

Tritanomaly
0C5277

Monochromacy



Original Color
2149A4

Achromatopsia
474747

Achromatomaly
394869

CSS Examples

Text

The CSS property to change the color of the text to Hex 2149A4 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 #2149A4 looks like.

```
.text, #text, p{  
    color:#2149A4  
}
```

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 #2149A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2149A4
}
```

Border

The CSS property to change the border of an element to Hex 2149A4 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
#2149A4 }
```

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

```
.border{ border-color:#2149A4 }
```

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

Here you see how a box with a 4 pixel #2149A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2149A4; -webkit-box-shadow:4px 4px  
4px 4px #2149A4; box-shadow:4px 4px 4px  
4px #2149A4 }
```

Background

The CSS property to change the background color of an element to Hex 2149A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2149A4 }
```

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

```
.background{ background-color:#2149A4 }
```

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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