

Converting Colors

Hex(2472A9)

Have a look what the booklet for
Hex(2472A9) contains.

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Color

Hex(2472A9)

Conversions

Conversions Part 1

Format	Color
Hex	2472A9
RGB	36, 114, 169
RGB Percent	14%, 45%, 66%
CMY	0.8588, 0.5529, 0.3373
CMYK	0.79, 0.33, 0.00, 0.34
HSL	205°, 65%, 40%
HSV	205°, 79%, 66%
XYZ	13.9063, 15.2743, 39.7514
YIQ	96.9480, -64.1430, 0.5690

Conversions

Conversions Part 2

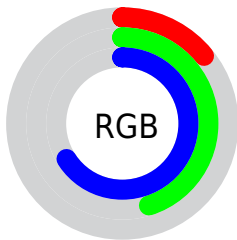
Format	Color
RYB	36, 85, 169
Decimal	2388649
CIELab	46.01, -3.81, -36.03
CIElCh	46, 36.233, 263.970
Yxy	15.2743, 0.2017, 0.2216
Android (android.graphics.Color)	4280578729 (0xFF2472A9)
YUV	96.9480, 35.5216, -53.4514
Hunter-Lab	39.0823, -4.8800, -32.9474

Details

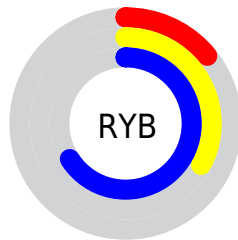
The Hex color **2472A9** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A95B24**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **65A6E1**, and **004274** is the 20% darker color. If you saturate the color by 10%, you get **136BA9**, and if you desaturate by 10%, it is **3579A9**.

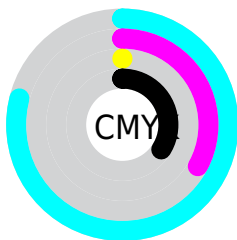
Distribution



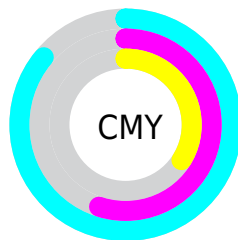
- Red (14%)
- Green (45%)
- Blue (66%)



- Red (14%)
- Yellow (33%)
- Blue (66%)



- Cyan (79%)
- Magenta (33%)
- Yellow (0%)
- Black (34%)



- Cyan (86%)
- Magenta (55%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2472A9 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 2472A9 by changing the saturation by 10% instead.

■ 2472A9

■ 2472A9

FFFFFF

■ 005A8E

■ 65A6E1

■ 004274

■ 83C1FD

■ 002D5C

■ A0DCFF

■ 001944

■ BDF9FF

■ 00032D

■ DAFFFF

■ 000117

■ F8FFFF

■ 000000

■ 2472A9

■ 2472A9

■ 136BA9

■ 3579A9

■ 0264A9

■ 4680A9

■ 0063A9

■ 5787A9

■ 688EA9

■ 7995A9

■ 899CA9

■ 9AA3A9

■ ABAAA9

■ BCB1A9

Harmonies

Analogous

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



00799D



2472A9



6567A4

Triad

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



2472A9



A65556



427948

Complementary

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



2472A9



A95B24

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.



677333



2472A9



9B5E3D

Square

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



2472A9



A25474



84692F



007C66

Rectangle

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



2472A9



825F99



84692F



4F7740

Sweetspot

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



2472A9



A7C6DB



24A959



4E616E



EDEDED



6E6E6E

Same Dimension

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



2472A9



0D86DB



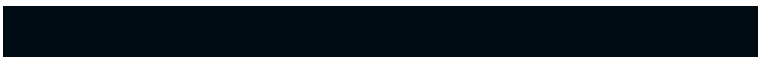
2431A9



4C5154



005794



000C14

Inverse Universe

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



A92472



DB0D86



A99C24



544C51



940057



14000C

Previews

White Background



This preview shows how the Hex color 2472A9 looks on a white background.

Color Contrast Check

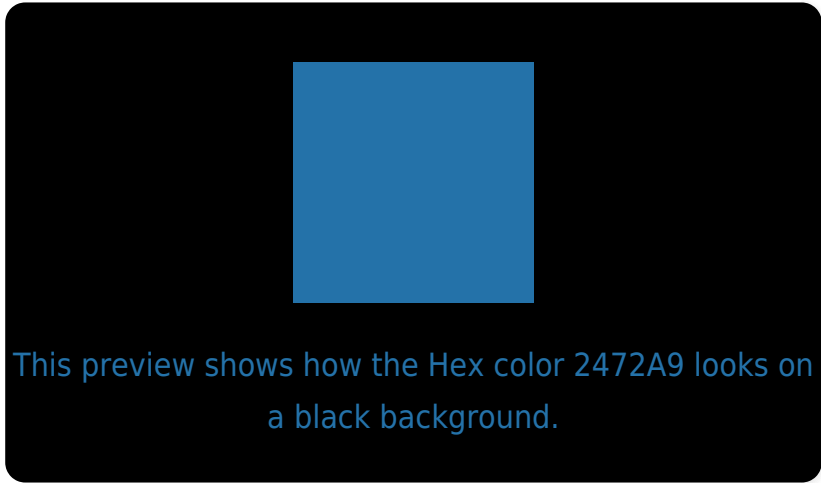
Large Text (above 18pt) WCAG AA ✓ Pass

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 2472A9 Background



This preview shows how black text looks on a background with the Hex color 2472A9.

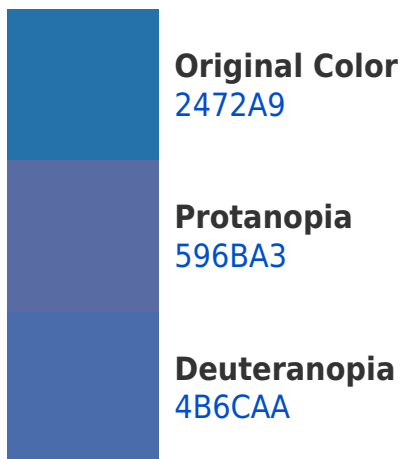


This preview shows how white text looks on a background with the Hex color 2472A9.

Color Blindness Simulation

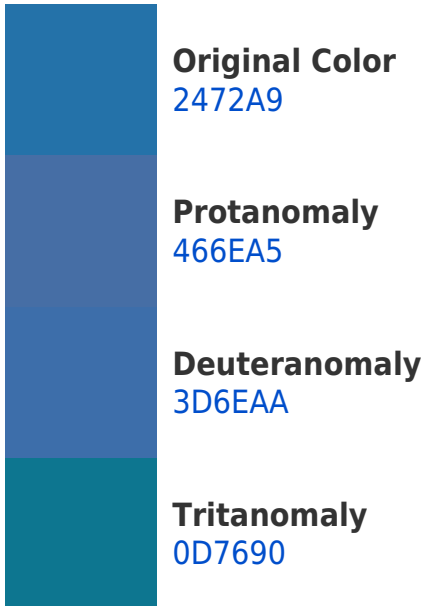
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

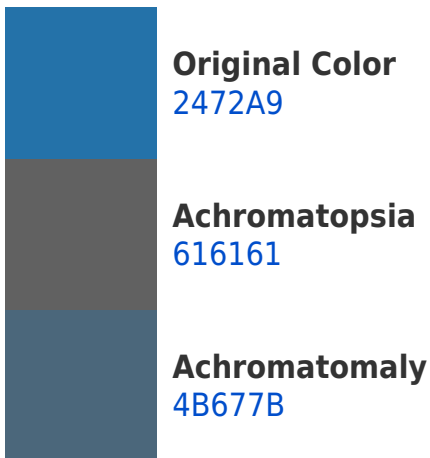




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2472A9 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 #2472A9 looks like.

```
.text, #text, p{  
    color:#2472A9  
}
```

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 #2472A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2472A9
}
```

Border

The CSS property to change the border of an element to Hex 2472A9 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
#2472A9 }
```

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

```
.border{ border-color:#2472A9 }
```

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

Here you see how a box with a 4 pixel #2472A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2472A9; -webkit-box-shadow:4px 4px  
4px 4px #2472A9; box-shadow:4px 4px 4px  
4px #2472A9 }
```

Background

The CSS property to change the background color of an element to Hex 2472A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2472A9 }
```

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

```
.background{ background-color:#2472A9 }
```

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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