

Converting Colors

Hex(24498A)

Have a look what the booklet for
Hex(24498A) contains.

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Color

Hex(24498A)

Conversions

Conversions Part 1

Format	Color
Hex	24498A
RGB	36, 73, 138
RGB Percent	14%, 29%, 54%
CMY	0.8588, 0.7137, 0.4588
CMYK	0.74, 0.47, 0.00, 0.46
HSL	218°, 59%, 34%
HSV	218°, 74%, 54%
XYZ	7.6975, 6.9751, 24.9854
YIQ	69.3470, -42.9170, 12.3710

Conversions

Conversions Part 2

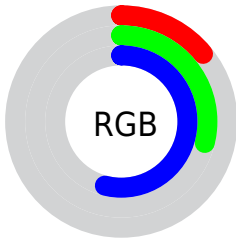
Format	Color
R_{YB}	36, 63, 138
Decimal	2378122
CIE _{Lab}	31.75, 10.51, -40.12
CIE _{LCh}	32, 41.469, 284.675
Yxy	6.9751, 0.1941, 0.1759
Android (android.graphics.Color)	4280568202 (0xFF24498A)
YUV	69.3470, 33.8459, -29.2453
Hunter-Lab	26.4105, 5.8069, -37.6034

Details

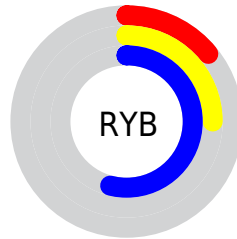
The Hex color **24498A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8A6524**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5F79C0**, and **001E57** is the 20% darker color. If you saturate the color by 10%, you get **16408A**, and if you desaturate by 10%, it is **32528A**.

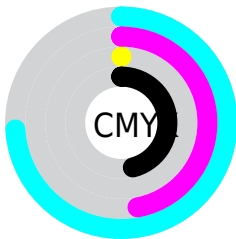
Distribution



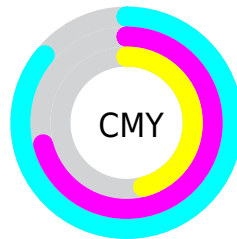
- Red (14%)
- Green (29%)
- Blue (54%)



- Red (14%)
- Yellow (25%)
- Blue (54%)



- Cyan (74%)
- Magenta (47%)
- Yellow (0%)
- Black (46%)



- Cyan (86%)
- Magenta (71%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24498A 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 24498A by changing the saturation by 10% instead.

■ 24498A

■ 24498A

FFFFFF

■ 003370

■ 5F79C0

■ 001E57

■ 7A93DC

■ 000440

■ 96ADF9

■ 000329

■ B3C8FF

■ 000113

■ CFE4FF

■ 000000

■ ECFFFF

■ 24498A

■ 24498A

■ 16408A

■ 32528A

■ 08378A

■ 405B8A

■ 00328A

■ 4D638A

■ 5B6C8A

■ 69758A

■ 777E8A

■ 85878A

■ 928F8A

■ A0988A

Harmonies

Analogous

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



00538A



24498A



603B79

Triad

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



24498A



7D351E



005938

Complementary

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



24498A



8A6524

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.



255518



24498A



684303

Square

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



24498A



852A3C



4B4E00



005A5A

Rectangle

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



24498A



763167



4B4E00



00582D

Sweetspot

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



24498A



8B99B3



248A65



424A59



D9D9D9



595959

Same Dimension

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



24498A



144DB3



32248A



3E4045



003085



000205

Inverse Universe

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



8A2449



B3144D



7C8A24



453E40



850030



050002

Previews

White Background



This preview shows how the Hex color 24498A looks on a white background.

Color Contrast Check

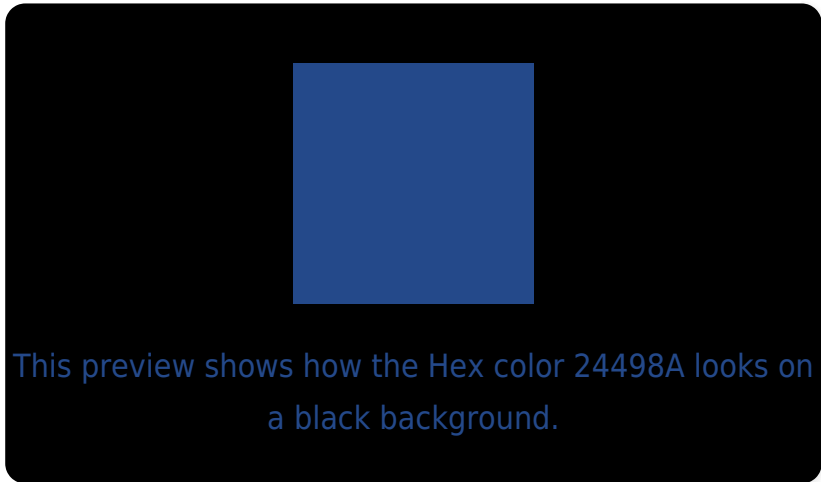
Large Text (above 18pt) WCAG AA ✓ Pass

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 24498A Background



This preview shows how black text looks on a background with the Hex color 24498A.



This preview shows how white text looks on a background with the Hex color 24498A.

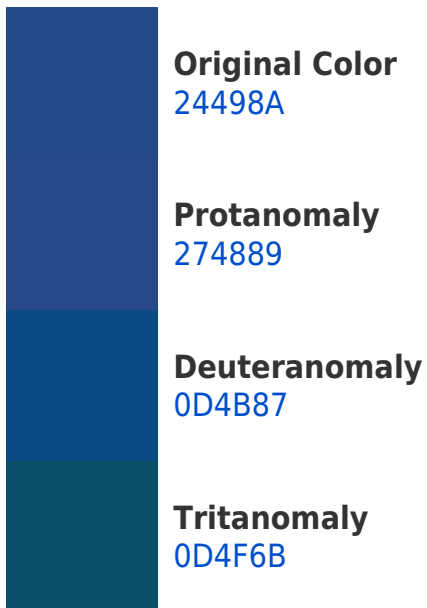
Color Blindness Simulation

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](#).

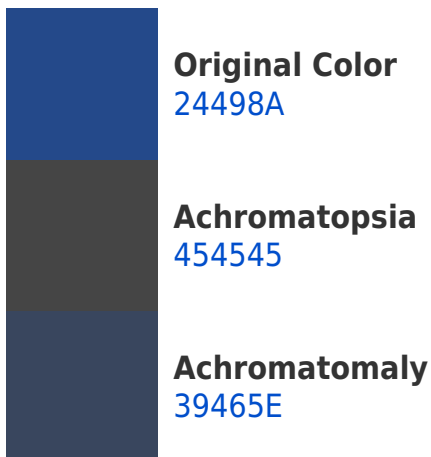
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 24498A 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 #24498A looks like.

```
.text, #text, p{  
    color:#24498A  
}
```

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 #24498A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24498A
}
```

Border

The CSS property to change the border of an element to Hex 24498A 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
#24498A }
```

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

```
.border{ border-color:#24498A }
```

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

Here you see how a box with a 4 pixel #24498A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24498A; -webkit-box-shadow:4px 4px  
4px 4px #24498A; box-shadow:4px 4px 4px  
4px #24498A }
```

Background

The CSS property to change the background color of an element to Hex 24498A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24498A }
```

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

```
.background{ background-color:#24498A }
```

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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