

Converting Colors

Hex(24508A)

Have a look what the booklet for
Hex(24508A) contains.

Hex(24508A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(24508A)

Conversions

Conversions Part 1

Format	Color
Hex	24508A
RGB	36, 80, 138
RGB Percent	14%, 31%, 54%
CMY	0.8588, 0.6863, 0.4588
CMYK	0.74, 0.42, 0.00, 0.46
HSL	214°, 59%, 34%
HSV	214°, 74%, 54%
XYZ	8.1837, 7.9474, 25.1474
YIQ	73.4560, -44.8420, 8.7100

Conversions

Conversions Part 2

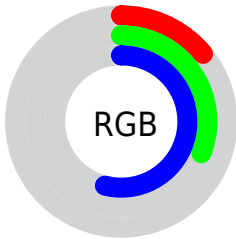
Format	Color
R_{YB}	36, 67, 138
Decimal	2379914
CIE _{Lab}	33.87, 5.82, -36.72
CIE _{LCh}	34, 37.178, 279.001
Yxy	7.9474, 0.1983, 0.1925
Android (android.graphics.Color)	4280569994 (0xFF24508A)
YUV	73.4560, 31.8202, -32.8489
Hunter-Lab	28.1911, 2.4828, -33.1550

Details

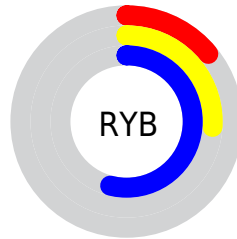
The Hex color **24508A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8A5E24**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5F81C0**, and **002457** is the 20% darker color. If you saturate the color by 10%, you get **16488A**, and if you desaturate by 10%, it is **32588A**.

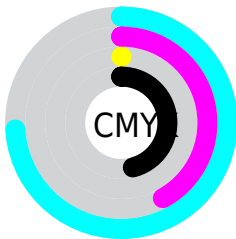
Distribution



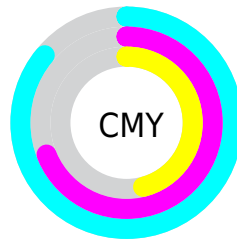
- Red (14%)
- Green (31%)
- Blue (54%)



- Red (14%)
- Yellow (26%)
- Blue (54%)



- Cyan (74%)
- Magenta (42%)
- Yellow (0%)
- Black (46%)



- Cyan (86%)
- Magenta (69%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24508A 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 24508A by changing the saturation by 10% instead.

■ 24508A

■ 24508A

FFFFFF

■ 003970

■ 5F81C0

■ 002457

■ 7A9BDC

■ 000F40

■ 96B5F9

■ 000329

■ B2D1FF

■ 000113

■ CFEDFF

■ 000000

■ ECFEFFFF

■ 24508A

■ 24508A

■ 16488A

■ 32588A

■ 08408A

■ 40608A

■ 003C8A

■ 4D688A

■ 5B6F8A

■ 69778A

■ 777F8A

■ 85878A

■ 928F8A

■ A0978A

Harmonies

Analogous

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



005886



24508A



5D447E

Triad

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



24508A



813B2C



005C39

Complementary

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



24508A



8A5E24

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.



37581F



24508A



704716

Square

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



24508A



853448



57510F



005E58

Rectangle

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



24508A



723C6E



57510F



175B30

Sweetspot

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



24508A



8B9CB3



248A5E



424C59



D9D9D9



595959

Same Dimension

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



24508A



1458B3



2B248A



3E4145



003985



000205

Inverse Universe

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



8A2450



B31458



838A24



453E41



850039



050002

Previews

White Background



This preview shows how the Hex color 24508A looks on a white background.

Color Contrast Check

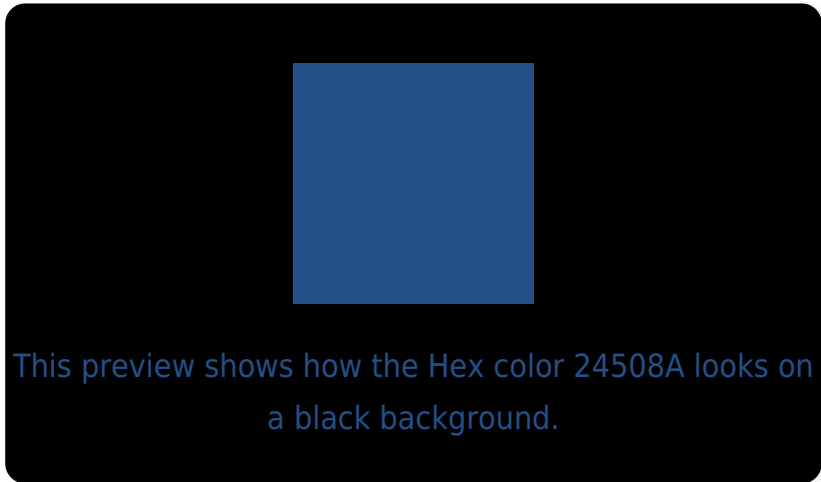
Large Text (above 18pt) WCAG AA ✓ Pass

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

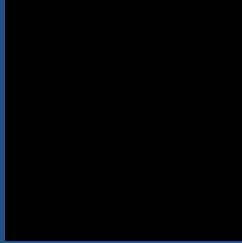
Any Text WCAG AA × Fail

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 24508A Background



This preview shows how black text looks on a background with the Hex color 24508A.



This preview shows how white text looks on a background with the Hex color 24508A.

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



Original Color
24508A

Protanopia
364E88

Deuteranopia
21508A



Tritanopia
00585F

Trichromacy



Original Color
24508A

Protanomaly
2F4F89

Deuteranomaly
22508A

Tritanomaly
0D556F

Monochromacy



Original Color
24508A

Achromatopsia
494949

Achromatomaly
3C4C61

CSS Examples

Text

The CSS property to change the color of the text to Hex 24508A 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 #24508A looks like.

```
.text, #text, p{  
    color:#24508A  
}
```

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 #24508A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24508A
}
```

Border

The CSS property to change the border of an element to Hex 24508A 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
#24508A }
```

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

```
.border{ border-color:#24508A }
```

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

Here you see how a box with a 4 pixel #24508A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24508A; -webkit-box-shadow:4px 4px  
4px 4px #24508A; box-shadow:4px 4px 4px  
4px #24508A }
```

Background

The CSS property to change the background color of an element to Hex 24508A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24508A }
```

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

```
.background{ background-color:#24508A }
```

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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