

Converting Colors

Hex(18509A)

Have a look what the booklet for
Hex(18509A) contains.

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Color

Hex(18509A)

Conversions

Conversions Part 1

Format	Color
Hex	18509A
RGB	24, 80, 154
RGB Percent	9%, 31%, 60%
CMY	0.9059, 0.6863, 0.3961
CMYK	0.84, 0.48, 0.00, 0.40
HSL	214°, 73%, 35%
HSV	214°, 84%, 60%
XYZ	9.0781, 8.2646, 31.6886
YIQ	71.6920, -57.1300, 11.1420

Conversions

Conversions Part 2

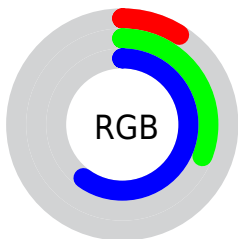
Format	Color
R_{YB}	24, 63, 154
Decimal	1593498
CIE _{Lab}	34.53, 10.76, -45.42
CIE _{LCh}	35, 46.679, 283.328
Yxy	8.2646, 0.1851, 0.1686
Android (android.graphics.Color)	4279783578 (0xFF18509A)
YUV	71.6920, 40.5778, -41.8259
Hunter-Lab	28.7482, 6.0571, -45.2305

Details

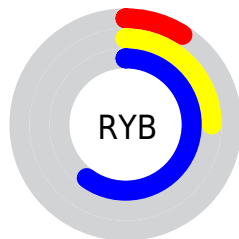
The Hex color **18509A** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **9A6218**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5C81D1**, and **002566** is the 20% darker color. If you saturate the color by 10%, you get **09479A**, and if you desaturate by 10%, it is **27599A**.

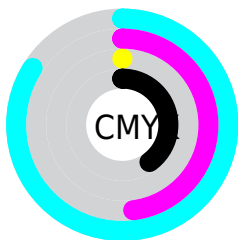
Distribution



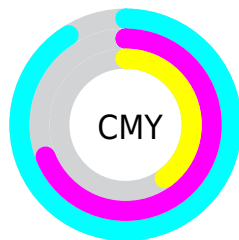
- Red (9%)
- Green (31%)
- Blue (60%)



- Red (9%)
- Yellow (25%)
- Blue (60%)



- Cyan (84%)
- Magenta (48%)
- Yellow (0%)
- Black (40%)



- Cyan (91%)
- Magenta (69%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18509A 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 18509A by changing the saturation by 10% instead.

■ 18509A

■ 18509A

FFFFFF

■ 003A80

■ 5C81D1

■ 002566

■ 799AEE

■ 00104E

■ 95B5FF

■ 000536

■ B2D1FF

■ 000220

■ D0EDFF

■ 000004

■ EDFFFF

■ 000000

■ 18509A

■ 18509A

■ 09479A

■ 27599A

■ 00429A

■ 37629A

■ 466A9A

■ 56739A

■ 657C9A

■ 74859A

■ 848D9A

■ 93969A

■ A39F9A

Harmonies

Analogous

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



005B99



18509A



673F88

Triad

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



18509A



8A371F



00613A

Complementary

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



18509A



9A6218

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.



275D15



18509A



734800

Square

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



18509A



932A42



535500



006261

Rectangle

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



18509A



813373



535500



00602E

Sweetspot

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



18509A



97ADC9



189A62



475566



E6E6E6



666666

Same Dimension

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



18509A



0057C9



21189A



45484D



003C8C



00050D

Inverse Universe

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



9A1850



C90057



919A18



4D4548



8C003C



0D0005

Previews

White Background



This preview shows how the Hex color 18509A looks on a white background.

Color Contrast Check

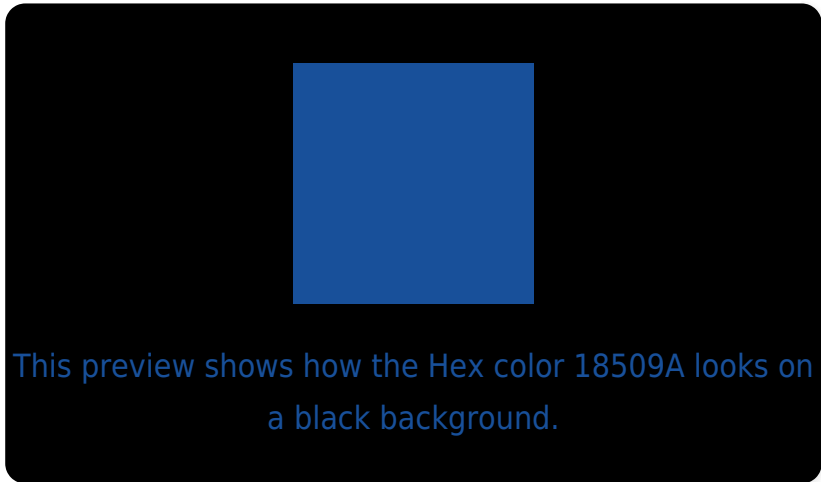
Large Text (above 18pt) WCAG AA ✓ Pass

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 18509A Background



This preview shows how black text looks on a background with the Hex color 18509A.

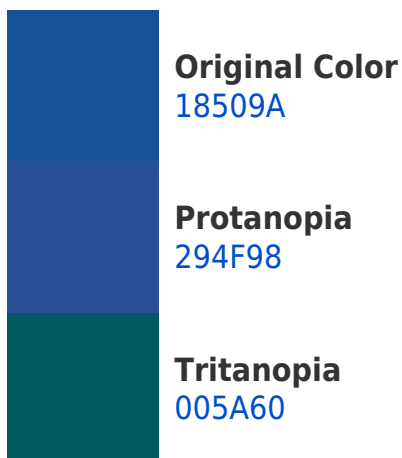


This preview shows how white text looks on a background with the Hex color 18509A.

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



Original Color
18509A

Protanomaly
234F99

Tritanomaly
095675

Monochromacy



Original Color
18509A

Achromatopsia
484848

Achromatomaly
374B66

CSS Examples

Text

The CSS property to change the color of the text to Hex 18509A 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 #18509A looks like.

```
.text, #text, p{  
    color:#18509A  
}
```

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 #18509A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18509A
}
```

Border

The CSS property to change the border of an element to Hex 18509A 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
#18509A }
```

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

```
.border{ border-color:#18509A }
```

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

Here you see how a box with a 4 pixel #18509A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18509A; -webkit-box-shadow:4px 4px  
4px 4px #18509A; box-shadow:4px 4px 4px  
4px #18509A }
```

Background

The CSS property to change the background color of an element to Hex 18509A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18509A }
```

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

```
.background{ background-color:#18509A }
```

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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