

Converting Colors

Hex(15489E)

Have a look what the booklet for
Hex(15489E) contains.

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Color

Hex(15489E)

Conversions

Conversions Part 1

Format	Color
Hex	15489E
RGB	21, 72, 158
RGB Percent	8%, 28%, 62%
CMY	0.9176, 0.7176, 0.3804
CMYK	0.87, 0.54, 0.00, 0.38
HSL	218°, 77%, 35%
HSV	218°, 87%, 62%
XYZ	8.7982, 7.2628, 33.2859
YIQ	66.5550, -58.0020, 15.9340

Conversions

Conversions Part 2

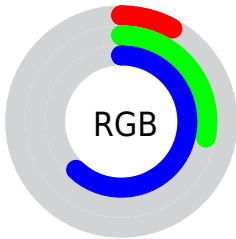
Format	Color
R _Y B	21, 58, 158
Decimal	1394846
CIE Lab	32.40, 17.57, -51.29
CIE LCh	32, 54.211, 288.910
Yxy	7.2628, 0.1783, 0.1472
Android (android.graphics.Color)	4279584926 (0xFF15489E)
YUV	66.5550, 45.0824, -39.9517
Hunter-Lab	26.9495, 11.1129, -54.3655

Details

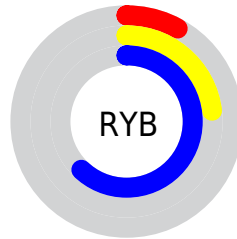
The Hex color **15489E** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **9E6B15**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5C78D5**, and **001E6A** is the 20% darker color. If you saturate the color by 10%, you get **053E9E**, and if you desaturate by 10%, it is **25529E**.

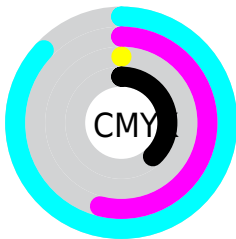
Distribution



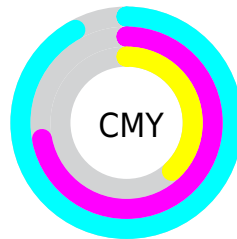
- Red (8%)
- Green (28%)
- Blue (62%)



- Red (8%)
- Yellow (23%)
- Blue (62%)



- Cyan (87%)
- Magenta (54%)
- Yellow (0%)
- Black (38%)



- Cyan (92%)
- Magenta (72%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15489E 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 15489E by changing the saturation by 10% instead.

■ 15489E

■ 15489E

FFFFFF

■ 003283

■ 5C78D5

■ 001E6A

■ 7991F2

■ 000551

■ 96ACFF

■ 000539

■ B3C7FF

■ 000223

■ D1E3FF

■ 000009

■ EFFFFFF

■ 000000

■ 15489E

■ 15489E

■ 053E9E

■ 25529E

■ 003B9E

■ 355C9E

■ 44669E

■ 54709E

■ 647A9E

■ 74849E

■ 848D9E

■ 93979E

■ A3A19E

Harmonies

Analogous

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



0056A1



15489E



6E3285

Triad

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



15489E



873008



005E3A

Complementary

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



15489E



9E6B15

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.



005A0A



15489E



6B4500

Square

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



15489E



951734



445200



005F67

Rectangle

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



15489E



87206C



445200



005D2B

Sweetspot

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



15489E



99ADCF



159E69



485469



E8E8E8



696969

Same Dimension

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



15489E



004DCF



25159E



474A4F



00358F



00060F

Inverse Universe

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



9E1548



CF004D



8E9E15



4F474A



8F0035



0F0006

Previews

White Background



This preview shows how the Hex color 15489E looks on a white background.

Color Contrast Check

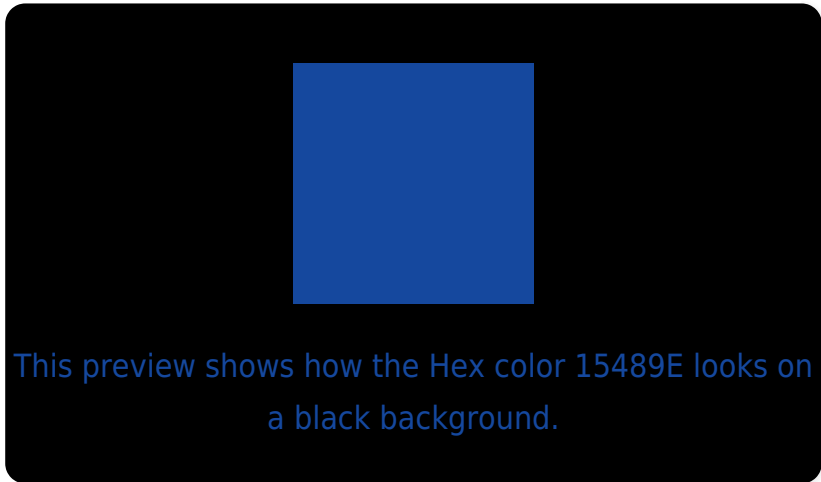
Large Text (above 18pt) WCAG AA ✓ Pass

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

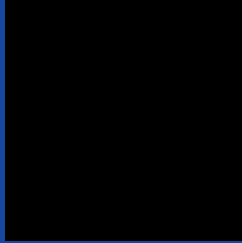
Any Text WCAG AA × Fail

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 15489E Background



This preview shows how black text looks on a background with the Hex color 15489E.



This preview shows how white text looks on a background with the Hex color 15489E.

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
15489E

Protanopia
00499C

Deuteranopia
004E86

Trichromacy



Original Color
15489E

Protanomaly
08499D

Deuteranomaly
084C8F

Monochromacy



Original Color
15489E

Achromatopsia
434343

Achromatomaly
324564

CSS Examples

Text

The CSS property to change the color of the text to Hex 15489E 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 #15489E looks like.

```
.text, #text, p{  
    color:#15489E  
}
```

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 #15489E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15489E
}
```

Border

The CSS property to change the border of an element to Hex 15489E 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
#15489E }
```

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

```
.border{ border-color:#15489E }
```

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

Here you see how a box with a 4 pixel #15489E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15489E; -webkit-box-shadow:4px 4px  
4px 4px #15489E; box-shadow:4px 4px 4px  
4px #15489E }
```

Background

The CSS property to change the background color of an element to Hex 15489E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15489E }
```

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

```
.background{ background-color:#15489E }
```

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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