

Converting Colors

Hex(11489D)

Have a look what the booklet for
Hex(11489D) contains.

Hex(11489D)	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(11489D)

Conversions

Conversions Part 1

Format	Color
Hex	11489D
RGB	17, 72, 157
RGB Percent	7%, 28%, 62%
CMY	0.9333, 0.7176, 0.3843
CMYK	0.89, 0.54, 0.00, 0.38
HSL	216°, 80%, 34%
HSV	216°, 89%, 62%
XYZ	8.6343, 7.1882, 32.8307
YIQ	65.2450, -60.0650, 14.7750

Conversions

Conversions Part 2

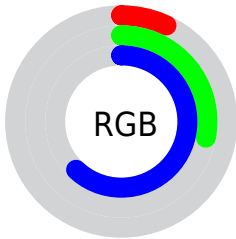
Format	Color
RYB	17, 56, 157
Decimal	1132701
CIELab	32.23, 16.87, -50.95
CIELCh	32, 53.676, 288.321
Yxy	7.1882, 0.1775, 0.1477
Android (android.graphics.Color)	4279322781 (0xFF11489D)
YUV	65.2450, 45.2352, -42.3109
Hunter-Lab	26.8109, 10.5662, -53.8347

Details

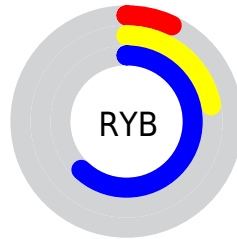
The Hex color **11489D** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **9D6611**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5A78D4**, and **001E69** is the 20% darker color. If you saturate the color by 10%, you get **013E9D**, and if you desaturate by 10%, it is **21529D**.

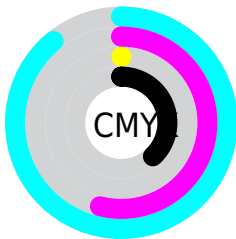
Distribution



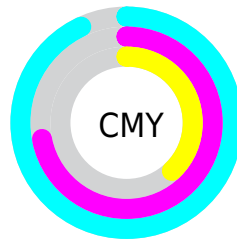
- Red (7%)
- Green (28%)
- Blue (62%)



- Red (7%)
- Yellow (22%)
- Blue (62%)



- Cyan (89%)
- Magenta (54%)
- Yellow (0%)
- Black (38%)



- Cyan (93%)
- Magenta (72%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 11489D 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 11489D by changing the saturation by 10% instead.

■ 11489D

■ 11489D

FFFFFF

■ 003282

■ 5A78D4

■ 001E69

■ 7891F1

■ 000550

■ 95ACFF

■ 000538

■ B2C7FF

■ 000222

■ CFE3FF

■ 000007

■ EDFFFF

■ 000000

■ 11489D

■ 11489D

■ 013E9D

■ 21529D

■ 003E9D

■ 305B9D

■ 40659D

■ 506E9D

■ 60789D

■ 6F819D

■ 7F8B9D

■ 8F949D

■ 9E9E9D

Harmonies

Analogous

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



00569F



11489D



6C3285

Triad

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



11489D



862F0A



005D39

Complementary

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



11489D



9D6611

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.



005909



11489D



6B4400

Square

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



11489D



941734



455200



005E65

Rectangle

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



11489D



86206C



455200



005C2A

Sweetspot

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



11489D



95ABCC



119D65



455266



E6E6E6



666666

Same Dimension

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



11489D



0050CC



1F119D



474A4F



00388F



00060F

Inverse Universe

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



9D1148



CC0050



8F9D11



4F474A



8F0038



0F0006

Previews

White Background



This preview shows how the Hex color 11489D looks on a white background.

Color Contrast Check

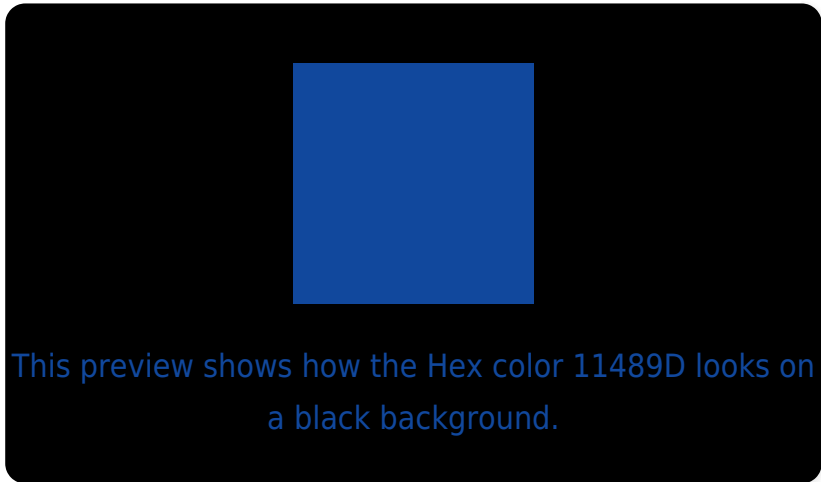
Large Text (above 18pt) WCAG AA ✓ Pass

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

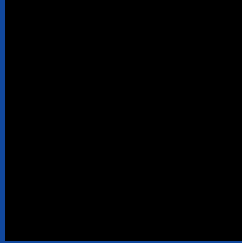
Any Text WCAG AA × Fail

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 11489D Background



This preview shows how black text looks on a background with the Hex color 11489D.



This preview shows how white text looks on a background with the Hex color 11489D.

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

11489D

Protanopia

00499B

Deuteranopia

004E86

Trichromacy



Original Color
11489D

Protanomaly
06499C

Deuteranomaly
064C8E

Tritanomaly
065072

Monochromacy



Original Color
11489D

Achromatopsia
414141

Achromatomaly
304462

CSS Examples

Text

The CSS property to change the color of the text to Hex 11489D 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 #11489D looks like.

```
.text, #text, p{  
    color:#11489D  
}
```

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 #11489D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11489D  
}
```

Border

The CSS property to change the border of an element to Hex 11489D 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  
#11489D }
```

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

```
.border{ border-color:#11489D }
```

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

Here you see how a box with a 4 pixel #11489D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11489D; -webkit-box-shadow:4px 4px  
4px 4px #11489D; box-shadow:4px 4px 4px  
4px #11489D }
```

Background

The CSS property to change the background color of an element to Hex 11489D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11489D }
```

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

```
.background{ background-color:#11489D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor