

Converting Colors

Hex(1E489E)

Have a look what the booklet for
Hex(1E489E) contains.

Hex(1E489E)	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(1E489E)

Conversions

Conversions Part 1

Format	Color
Hex	1E489E
RGB	30, 72, 158
RGB Percent	12%, 28%, 62%
CMY	0.8824, 0.7176, 0.3804
CMYK	0.81, 0.54, 0.00, 0.38
HSL	220°, 68%, 37%
HSV	220°, 81%, 62%
XYZ	9.0243, 7.3794, 33.2965
YIQ	69.2460, -52.6380, 17.8420

Conversions

Conversions Part 2

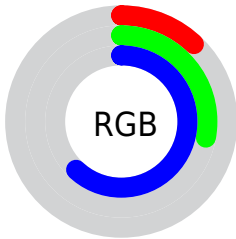
Format	Color
R_{YB}	30, 62, 158
Decimal	1984670
CIE _{Lab}	32.66, 18.38, -50.86
CIE _{LCh}	33, 54.075, 289.871
Y _{xy}	7.3794, 0.1816, 0.1485
Android (android.graphics.Color)	4280174750 (0xFF1E489E)
YUV	69.2460, 43.7557, -34.4187
Hunter-Lab	27.1650, 11.7598, -53.6570

Details

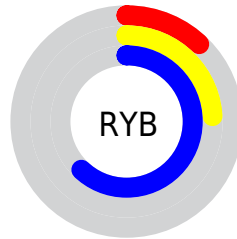
The Hex color **1E489E** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **9E741E**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6078D5**, and **001E6A** is the 20% darker color. If you saturate the color by 10%, you get **0E3D9E**, and if you desaturate by 10%, it is **2E539E**.

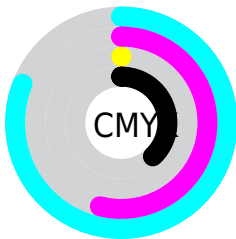
Distribution



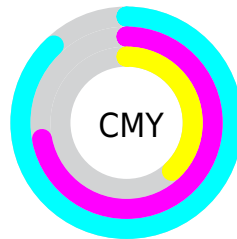
- Red (12%)
- Green (28%)
- Blue (62%)



- Red (12%)
- Yellow (24%)
- Blue (62%)



- Cyan (81%)
- Magenta (54%)
- Yellow (0%)
- Black (38%)



- Cyan (88%)
- Magenta (72%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E489E 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 1E489E by changing the saturation by 10% instead.

■ 1E489E

■ 1E489E

FFFFFF

■ 003283

■ 6078D5

■ 001E6A

■ 7D91F2

■ 000651

■ 9AACFF

■ 000539

■ B7C7FF

■ 000223

■ D4E3FF

■ 000009

■ F2FFFF

■ 000000

■ 1E489E

■ 1E489E

■ 0E3D9E

■ 2E539E

00349E

3E5D9E

4D689E

5D729E

6D7D9E

7D889E

8D929E

9C9D9E

ACA89E

Harmonies

Analogous

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



0056A2



1E489E



703184

Triad

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



1E489E



873107



005E3C

Complementary

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



1E489E



9E741E

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.



005B0D



1E489E



6A4600

Square

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



1E489E



961933



445300



005F69

Rectangle

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



1E489E



89206B



445300



005D2D

Sweetspot

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



1E489E



9DADCF



1E9E73



4A5469



E8E8E8



696969

Same Dimension

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



1E489E



0648CF



331E9E



474A4F



002F8F



00050F

Inverse Universe

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



9E1E48



CF0648



899E1E



4F474A



8F002F



0F0005

Previews

White Background



This preview shows how the Hex color 1E489E looks on a white background.

Color Contrast Check

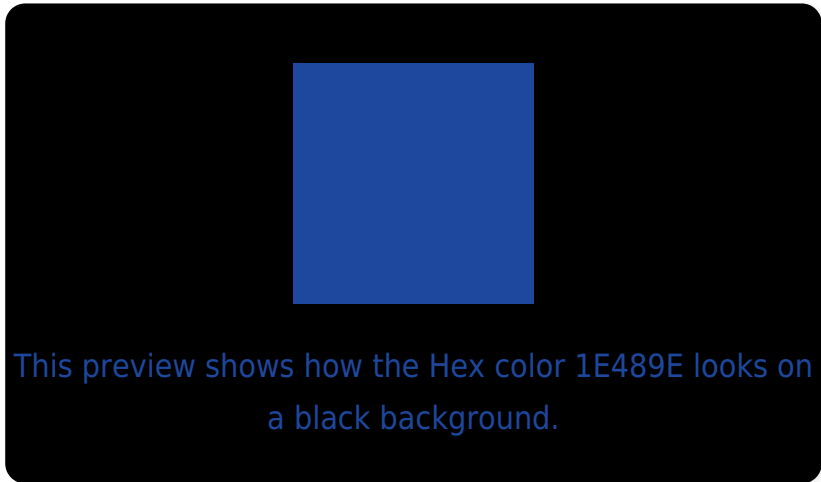
Large Text (above 18pt) WCAG AA ✓ Pass

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

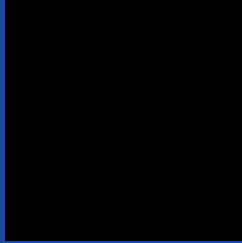
Any Text WCAG AA × Fail

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 1E489E Background



This preview shows how black text looks on a background with the Hex color 1E489E.

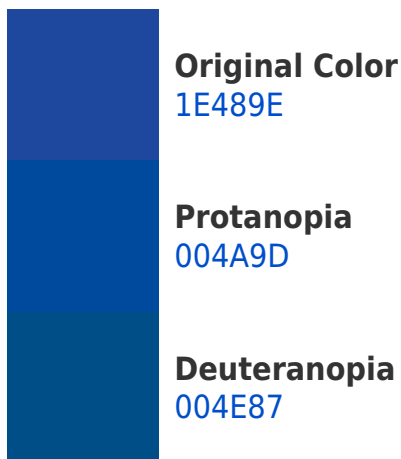


This preview shows how white text looks on a background with the Hex color 1E489E.

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





Tritanopia
00555B

Trichromacy



Original Color
1E489E

Protanomaly
0B499D

Deuteranomaly
0B4C8F

Tritanomaly
0B5073

Monochromacy



Original Color
1E489E

Achromatopsia
454545

Achromatomaly
374665

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E489E 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 #1E489E looks like.

```
.text, #text, p{  
    color:#1E489E  
}
```

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 #1E489E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E489E
}
```

Border

The CSS property to change the border of an element to Hex 1E489E is called "border". The border property can be set on classes, ids or directly on the HTML element.

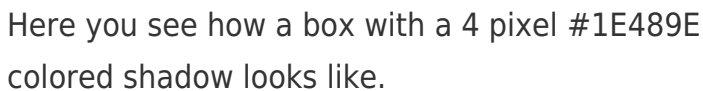
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E489E }
```

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

```
.border{ border-color:#1E489E }
```

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



Here you see how a box with a 4 pixel #1E489E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E489E; -webkit-box-shadow:4px 4px  
4px 4px #1E489E; box-shadow:4px 4px 4px  
4px #1E489E }
```

Background

The CSS property to change the background color of an element to Hex 1E489E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E489E }
```

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

```
.background{ background-color:#1E489E }
```

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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