

Converting Colors

Hex(25319E)

Have a look what the booklet for
Hex(25319E) contains.

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Color

Hex(25319E)

Conversions

Conversions Part 1

Format	Color
Hex	25319E
RGB	37, 49, 158
RGB Percent	15%, 19%, 62%
CMY	0.8549, 0.8078, 0.3804
CMYK	0.77, 0.69, 0.00, 0.38
HSL	234°, 62%, 38%
HSV	234°, 77%, 62%
XYZ	8.0328, 5.0586, 32.9008
YIQ	57.8380, -42.1410, 31.3550

Conversions

Conversions Part 2

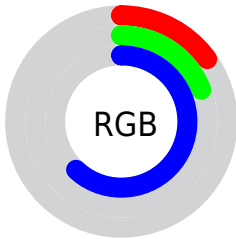
Format	Color
R _Y B	37, 48, 158
Decimal	2437534
CIE Lab	26.90, 34.50, -60.24
CIE LCh	27, 69.423, 299.803
Yxy	5.0586, 0.1747, 0.1100
Android (android.graphics.Color)	4280627614 (0xFF25319E)
YUV	57.8380, 49.3799, -18.2749
Hunter-Lab	22.4912, 24.3921, -70.9871

Details

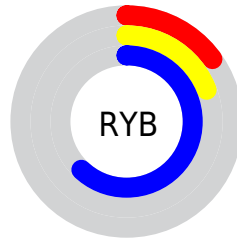
The Hex color **25319E** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9E9225**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6660D6**, and **000869** is the 20% darker color. If you saturate the color by 10%, you get **15239E**, and if you desaturate by 10%, it is **353F9E**.

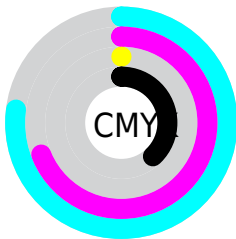
Distribution



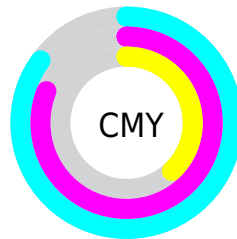
- Red (15%)
- Green (19%)
- Blue (62%)



- Red (15%)
- Yellow (19%)
- Blue (62%)



- Cyan (77%)
- Magenta (69%)
- Yellow (0%)
- Black (38%)



- Cyan (85%)
- Magenta (81%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25319E 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 25319E by changing the saturation by 10% instead.

■ 25319E

■ 25319E

FFFFFF

■ 001C83

■ 6660D6

■ 000869

■ 8378F2

■ 000050

■ A092FF

■ 000538

■ BDADFF

■ 000222

■ DBC8FF

■ 000008

■ F9E5FF

■ 000000

■ 25319E

■ 25319E

■ 15239E

■ 353F9E

05159E

454D9E

00109E

545C9E

646A9E

74789E

84869E

94959E

A3A39E

B3B19E

Harmonies

Analogous

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



0048AD



25319E



7B0076

Triad

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



25319E



772300



00533E

Complementary

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



25319E



9E9225

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.



005000



25319E



4F3E00

Square

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



25319E



91000F



124B00



005474

Rectangle

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



25319E



900054



124B00



00522B

Sweetspot

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



25319E



9FA4CF



259E92



4B4E69



E8E8E8



696969

Same Dimension

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



25319E



1123CF



55259E



47484F



000E8F



00020F

Inverse Universe

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



9E2531



CF1123



6E9E25



4F4748



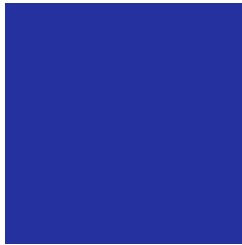
8F000E



0F0002

Previews

White Background



This preview shows how the Hex color 25319E looks on a white background.

Color Contrast Check

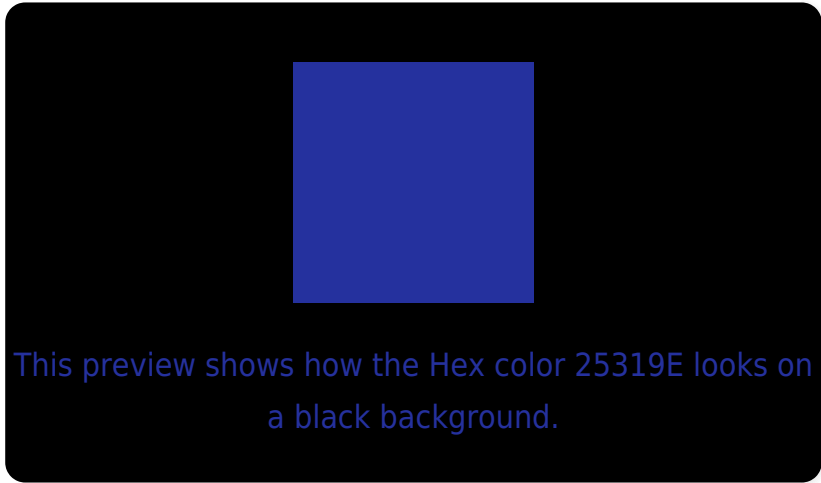
Large Text (above 18pt) WCAG AA ✓ Pass

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

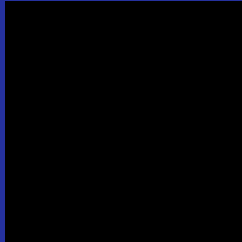
Any Text WCAG AA × Fail

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 25319E Background



This preview shows how black text looks on a background with the Hex color 25319E.



This preview shows how white text looks on a background with the Hex color 25319E.

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
25319E

Protanopia
003D81

Deuteranopia
00416F



Tritanopia
00474B

Trichromacy



Original Color
25319E

Protanomaly
0D398C

Deuteranomaly
0D3B80

Tritanomaly
0D3F69

Monochromacy



Original Color
25319E

Achromatopsia
3A3A3A

Achromatomaly
32375E

CSS Examples

Text

The CSS property to change the color of the text to Hex 25319E 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 #25319E looks like.

```
.text, #text, p{  
    color:#25319E  
}
```

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 #25319E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25319E
}
```

Border

The CSS property to change the border of an element to Hex 25319E 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
#25319E }
```

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

```
.border{ border-color:#25319E }
```

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

Here you see how a box with a 4 pixel #25319E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25319E; -webkit-box-shadow:4px 4px  
4px 4px #25319E; box-shadow:4px 4px 4px  
4px #25319E }
```

Background

The CSS property to change the background color of an element to Hex 25319E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25319E }
```

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

```
.background{ background-color:#25319E }
```

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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