

Converting Colors

Hex(251559)

Have a look what the booklet for
Hex(251559) contains.

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Color

Hex(251559)

Conversions

Conversions Part 1

Format	Color
Hex	251559
RGB	37, 21, 89
RGB Percent	15%, 8%, 35%
CMY	0.8549, 0.9176, 0.6510
CMYK	0.58, 0.76, 0.00, 0.65
HSL	254°, 62%, 22%
HSV	254°, 76%, 35%
XYZ	2.8343, 1.6509, 9.6205
YIQ	33.5360, -12.2920, 24.5400

Conversions

Conversions Part 2

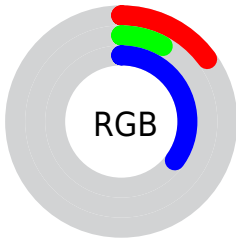
Format	Color
R_{YB}	37, 21, 89
Decimal	2430297
CIE _{Lab}	13.54, 27.74, -38.15
CIE _{LCh}	14, 47.169, 306.015
Yxy	1.6509, 0.2009, 0.1170
Android (android.graphics.Color)	4280620377 (0xFF251559)
YUV	33.5360, 27.3438, 3.0379
Hunter-Lab	12.8488, 16.8895, -35.3989

Details

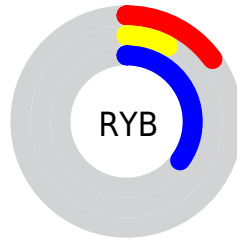
The Hex color **251559** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **495915**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **58418C**, and **00032A** is the 20% darker color. If you saturate the color by 10%, you get **1E0C59**, and if you desaturate by 10%, it is **2C1E59**.

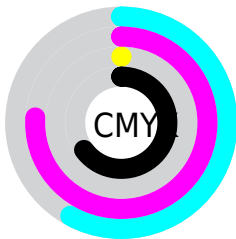
Distribution



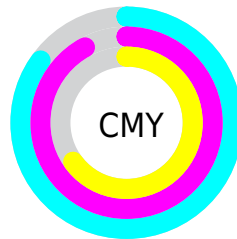
- Red (15%)
- Green (8%)
- Blue (35%)



- Red (15%)
- Yellow (8%)
- Blue (35%)



- Cyan (58%)
- Magenta (76%)
- Yellow (0%)
- Black (65%)



- Cyan (85%)
- Magenta (92%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 251559 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 251559 by changing the saturation by 10% instead.

 251559

 251559

 FFFAFF

 0B0041

 58418C

 00032A

 7259A6

 000114

 8D72C2

 000000

 A88BDE

 C4A6FB

 E1C1FF

 FEDDFF

 251559

 251559

■ 1E0C59

■ 2C1E59

■ 170359

■ 332759

■ 150059

■ 393059

■ 403959

■ 474259

■ 4E4A59

■ 555359

■ 5B5C59

■ 626559

Harmonies

Analogous

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



002666



251559



4C003E

Triad

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



251559



411600



003029

Complementary

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



251559



495915

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.



002E00



251559



262400

Square

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



251559



530000



002B00



002F49

Rectangle

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



251559



570029



002B00



002F1D

Sweetspot

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



251559



5F5873



154959



2E2A3B



BABABA



3B3B3B

Same Dimension

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



251559



220973



471559



28272B



19006B



3700EB

Inverse Universe

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



591549



73095A



275915



2B272A



6B0052



EB00B3

Previews

White Background



This preview shows how the Hex color 251559 looks on a white background.

Color Contrast Check

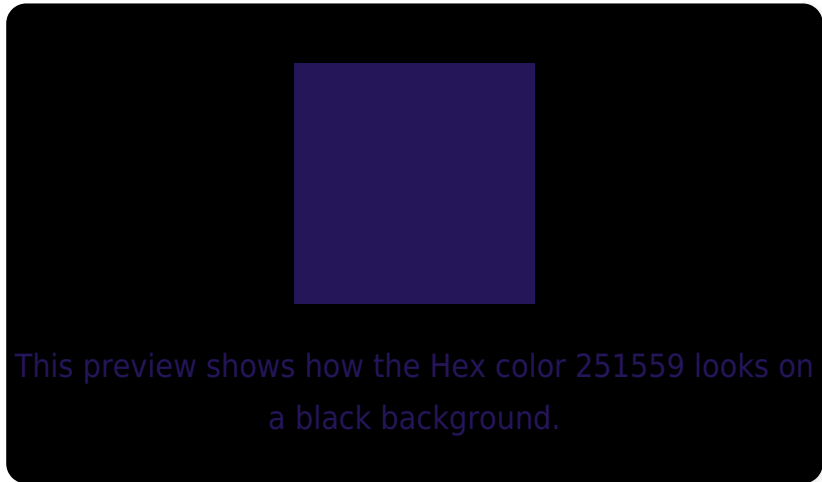
Large Text (above 18pt) WCAG AA ✓ Pass

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

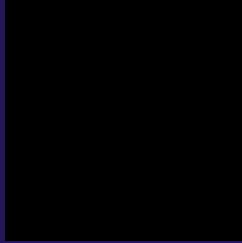
Any Text WCAG AA × Fail

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 251559 Background



This preview shows how black text looks on a background with the Hex color 251559.



This preview shows how white text looks on a background with the Hex color 251559.

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
251559

Protanopia
002249

Deuteranopia
00253E



Tritanopia
11272A

Trichromacy



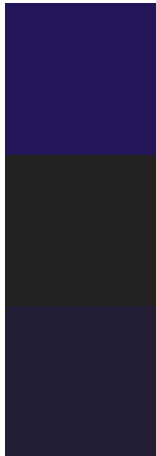
Original Color
251559

Protanomaly
0D1D4F

Deuteranomaly
0D1F48

Tritanomaly
18203B

Monochromacy



Original Color
251559

Achromatopsia
222222

Achromatomaly
231D36

CSS Examples

Text

The CSS property to change the color of the text to Hex 251559 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 #251559 looks like.

```
.text, #text, p{  
    color:#251559  
}
```

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 #251559 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #251559
}
```

Border

The CSS property to change the border of an element to Hex 251559 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".

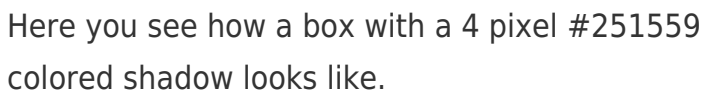
```
.border, #border, table{ border:4px solid
#251559 }
```

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

```
.border{ border-color:#251559 }
```

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

Here you see how a box with a 4 pixel #251559 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #251559; -webkit-box-shadow:4px 4px  
4px 4px #251559; box-shadow:4px 4px 4px  
4px #251559 }
```

Background

The CSS property to change the background color of an element to Hex 251559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#251559 }
```

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

```
.background{ background-color:#251559 }
```

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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