

Converting Colors

Hex(2D0259)

Have a look what the booklet for
Hex(2D0259) contains.

Hex(2D0259)	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(2D0259)

Conversions

Conversions Part 1

Format	Color
Hex	2D0259
RGB	45, 2, 89
RGB Percent	18%, 1%, 35%
CMY	0.8235, 0.9922, 0.6510
CMYK	0.49, 0.98, 0.00, 0.65
HSL	270°, 96%, 18%
HSV	270°, 98%, 35%
XYZ	2.9071, 1.3226, 9.5533
YIQ	24.7750, -2.2990, 36.1730

Conversions

Conversions Part 2

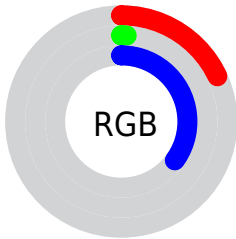
Format	Color
R_YB	45, 2, 89
Decimal	2949721
CIE _{Lab}	11.43, 38.12, -41.57
CIE _{LCh}	11, 56.407, 312.520
Yxy	1.3226, 0.2109, 0.0960
Android (android.graphics.Color)	4281139801 (0xFF2D0259)
YUV	24.7750, 31.6629, 17.7373
Hunter-Lab	11.5003, 24.9959, -41.2017

Details

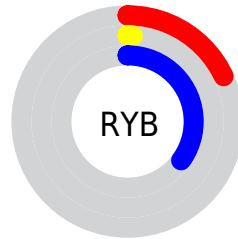
The Hex color **2D0259** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2E5902**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **61338C**, and **00022A** is the 20% darker color. If you saturate the color by 10%, you get **2C0059**, and if you desaturate by 10%, it is **320B59**.

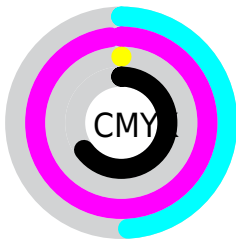
Distribution



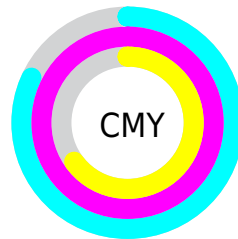
- Red (18%)
- Green (1%)
- Blue (35%)



- Red (18%)
- Yellow (1%)
- Blue (35%)



- Cyan (49%)
- Magenta (98%)
- Yellow (0%)
- Black (65%)



- Cyan (82%)
- Magenta (99%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D0259 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 2D0259 by changing the saturation by 10% instead.

 2D0259

 2D0259

 FFECFF

 170041

 61338C

 00022A

 7B4CA7

 000114

 9665C2

 000000

 B27EDE

 CE99FB

 EBB4FF

 FFD0FF

 2D0259

 2D0259

■ 2C0059

■ 320B59

■ 361459

■ 3B1D59

■ 3F2659

■ 442F59

■ 483759

■ 4D4059

■ 514959

■ 565259

Harmonies

Analogous

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



00206D



2D0259



530037

Triad

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



2D0259



391300



002D2E

Complementary

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



2D0259



2E5902

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.



002C00



2D0259



182200

Square

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



2D0259



500000



002900



002D53

Rectangle

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



2D0259



5B001D



002900



002C21

Sweetspot

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



2D0259



625173



022F59



30263B



BABABA



3B3B3B

Same Dimension

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



2D0259



390073



580259



29272B



35006B



7400EB

Inverse Universe

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



59022E



73003A



035902



2B2729



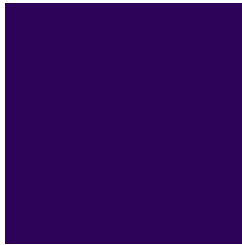
6B0036



EB0077

Previews

White Background



This preview shows how the Hex color 2D0259 looks on a white background.

Color Contrast Check

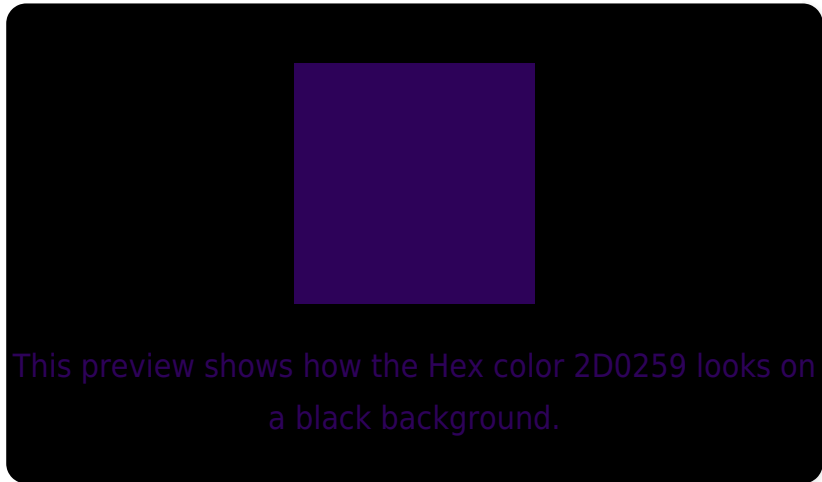
Large Text (above 18pt) WCAG AA ✓ Pass

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

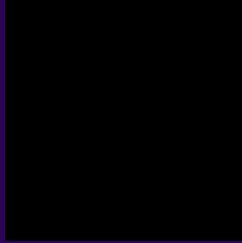
Any Text WCAG AA × Fail

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 2D0259 Background



This preview shows how black text looks on a background with the Hex color 2D0259.



This preview shows how white text looks on a background with the Hex color 2D0259.

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
2D0259

Protanopia
002145

Deuteranopia
00233B



Tritanopia
1F2325

Trichromacy



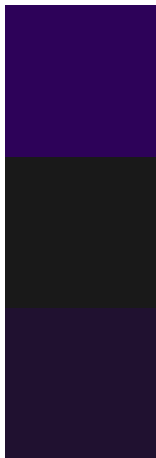
Original Color
2D0259

Protanomaly
10164C

Deuteranomaly
101746

Tritanomaly
241738

Monochromacy



Original Color
2D0259

Achromatopsia
191919

Achromatomaly
201130

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D0259 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 #2D0259 looks like.

```
.text, #text, p{  
    color:#2D0259  
}
```

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 #2D0259 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D0259
}
```

Border

The CSS property to change the border of an element to Hex 2D0259 is called "border". The border property can be set on classes, ids or directly on the HTML element.

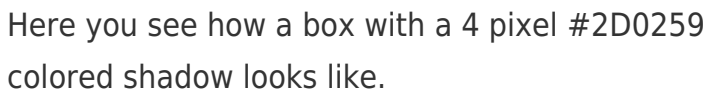
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D0259 }
```

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

```
.border{ border-color:#2D0259 }
```

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



Here you see how a box with a 4 pixel #2D0259 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D0259; -webkit-box-shadow:4px 4px  
4px 4px #2D0259; box-shadow:4px 4px 4px  
4px #2D0259 }
```

Background

The CSS property to change the background color of an element to Hex 2D0259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D0259 }
```

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

```
.background{ background-color:#2D0259 }
```

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