

Converting Colors

Hex(2D1451)

Have a look what the booklet for
Hex(2D1451) contains.

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Color

Hex(2D1451)

Conversions

Conversions Part 1

Format	Color
Hex	2D1451
RGB	45, 20, 81
RGB Percent	18%, 8%, 32%
CMY	0.8235, 0.9216, 0.6824
CMYK	0.44, 0.75, 0.00, 0.68
HSL	265°, 60%, 20%
HSV	265°, 75%, 32%
XYZ	2.8175, 1.6523, 7.9550
YIQ	34.4290, -4.6810, 24.2710

Conversions

Conversions Part 2

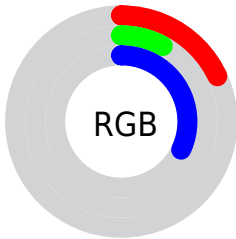
Format	Color
RYB	45, 20, 81
Decimal	2954321
CIELab	13.55, 27.39, -32.67
CIELCh	14, 42.635, 309.981
Yxy	1.6523, 0.2268, 0.1330
Android (android.graphics.Color)	4281144401 (0xFF2D1451)
YUV	34.4290, 22.9595, 9.2708
Hunter-Lab	12.8541, 16.6315, -27.6948

Details

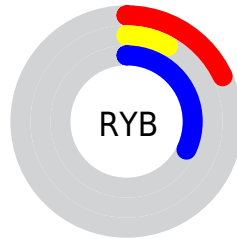
The Hex color **2D1451** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **385114**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **5E4183**, and **000223** is the 20% darker color. If you saturate the color by 10%, you get **280C51**, and if you desaturate by 10%, it is **321C51**.

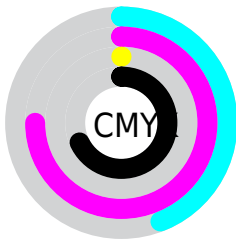
Distribution



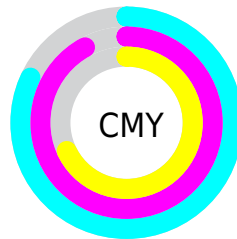
- Red (18%)
- Green (8%)
- Blue (32%)



- Red (18%)
- Yellow (8%)
- Blue (32%)



- Cyan (44%)
- Magenta (75%)
- Yellow (0%)
- Black (68%)



- Cyan (82%)
- Magenta (92%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D1451 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 2D1451 by changing the saturation by 10% instead.

 2D1451

 2D1451

 FFFAFF

 17003A

 5E4183

 000223

 78599D

 00000A

 9371B8

 000000

 AE8BD4

 CAA6F1

 E6C1FF

 FFDDFF

 2D1451

 2D1451

■ 280C51

■ 321C51

■ 230451

■ 372451

■ 210051

■ 3B2C51

■ 403451

■ 453D51

■ 4A4551

■ 4E4D51

■ 535551

■ 585D51

Harmonies

Analogous

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



00245E



2D1451



4B0038

Triad

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



2D1451



3C1900



002F2C

Complementary

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



2D1451



385114

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.



002E0B



2D1451



232500

Square

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



2D1451



4E0300



002B00



002E49

Rectangle

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



2D1451



530024



002B00



002F22

Sweetspot

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



2D1451



5A5169



143951



2D2736



B5B5B5



363636

Same Dimension

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



2D1451



310A69



4B1451



262529



2B0069



5F00E8

Inverse Universe

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



511438



690A42



1A5114



292527



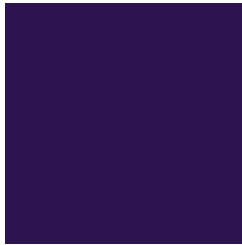
69003E



E80089

Previews

White Background



This preview shows how the Hex color 2D1451 looks on a white background.

Color Contrast Check

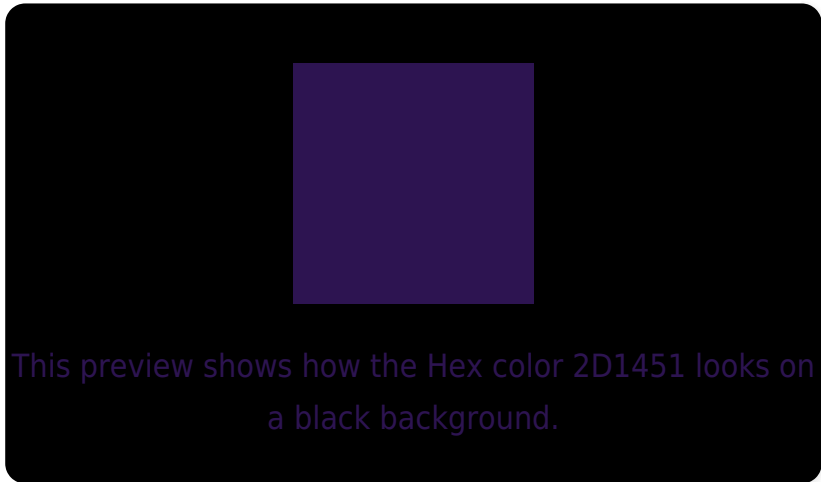
Large Text (above 18pt) WCAG AA ✓ Pass

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

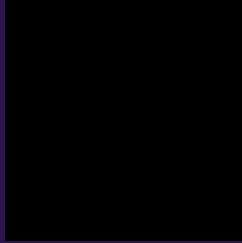
Any Text WCAG AA × Fail

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 2D1451 Background



This preview shows how black text looks on a background with the Hex color 2D1451.



This preview shows how white text looks on a background with the Hex color 2D1451.

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
2D1451

Protanopia
002349

Deuteranopia
00253F



Tritanopia
232427

Trichromacy



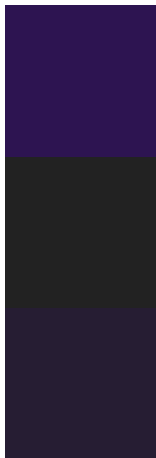
Original Color
2D1451

Protanomaly
101E4C

Deuteranomaly
101F46

Tritanomaly
271E36

Monochromacy



Original Color
2D1451

Achromatopsia
222222

Achromatomaly
261D33

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D1451 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 #2D1451 looks like.

```
.text, #text, p{  
    color:#2D1451  
}
```

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 #2D1451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D1451
}
```

Border

The CSS property to change the border of an element to Hex 2D1451 is called "border". The border property can be set on classes, ids or directly on the HTML element.

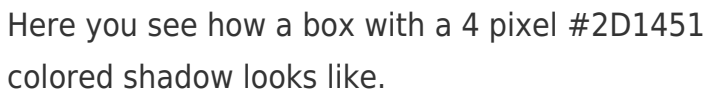
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D1451 }
```

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

```
.border{ border-color:#2D1451 }
```

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



Here you see how a box with a 4 pixel #2D1451 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D1451; -webkit-box-shadow:4px 4px  
4px 4px #2D1451; box-shadow:4px 4px 4px  
4px #2D1451 }
```

Background

The CSS property to change the background color of an element to Hex 2D1451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D1451 }
```

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

```
.background{ background-color:#2D1451 }
```

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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