

Converting Colors

Hex(2D1151)

Have a look what the booklet for
Hex(2D1151) contains.

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Color

Hex(2D1151)

Conversions

Conversions Part 1

Format	Color
Hex	2D1151
RGB	45, 17, 81
RGB Percent	18%, 7%, 32%
CMY	0.8235, 0.9333, 0.6824
CMYK	0.44, 0.79, 0.00, 0.68
HSL	266°, 65%, 19%
HSV	266°, 79%, 32%
XYZ	2.7678, 1.5529, 7.9384
YIQ	32.6680, -3.8560, 25.8400

Conversions

Conversions Part 2

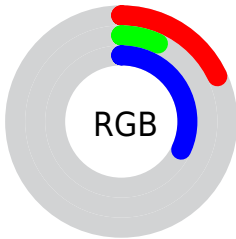
Format	Color
R _Y B	45, 17, 81
Decimal	2953553
CIE Lab	12.94, 29.09, -33.65
CIE LCh	13, 44.482, 310.835
Yxy	1.5529, 0.2258, 0.1267
Android (android.graphics.Color)	4281143633 (0xFF2D1151)
YUV	32.6680, 23.8277, 10.8152
Hunter-Lab	12.4614, 17.8397, -29.0472




Details

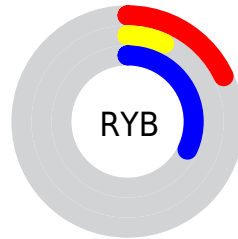
The Hex color **2D1151** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **355111**, and the grayscale version is **202020**.




A 20% lighter version of the original color is **5F3E83**, and **000223** is the 20% darker color. If you saturate the color by 10%, you get **280951**, and if you desaturate by 10%, it is **321951**.

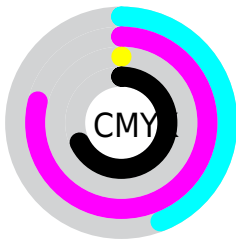
Distribution







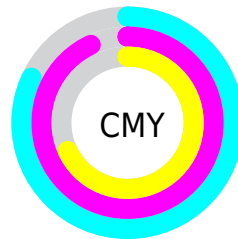
-  Red (18%)
-  Green (7%)
-  Blue (32%)






-  Red (18%)
-  Yellow (7%)
-  Blue (32%)



-  Cyan (44%)
-  Magenta (79%)
-  Yellow (0%)
-  Black (68%)



-  Cyan (82%)
-  Magenta (93%)
-  Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2D1151 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 2D1151 by changing the saturation by 10% instead.

 2D1151

 2D1151

 FFF7FF

 17003A

 5F3E83

 000223

 79569D

 00000A

 936FB9

 000000

 AE88D4

 CAA3F1

 E7BEFF

 FFD AFF

 2D1151

 2D1151

■ 280951

■ 321951

■ 240151

■ 362151

■ 230051

■ 3B2951

■ 3F3151

■ 443951

■ 484251

■ 4D4A51

■ 515251

■ 565A51

Harmonies

Analogous

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



002260



2D1151



4C0036

Triad

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



2D1151



3A1800



002E2C

Complementary

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



2D1151



355111

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.



002D09



2D1151



212400

Square

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



2D1151



4D0000



002A00



002D4A

Rectangle

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



2D1151



530022



002A00



002E21

Sweetspot

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



2D1151



5A4F69



113551



2D2636



B5B5B5



363636

Same Dimension

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



2D1151



310569



4D1151



272529



2E0069



6600E8

Inverse Universe

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



511135



69053D



155111



292527



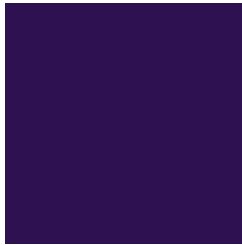
69003B



E80083

Previews

White Background



This preview shows how the Hex color 2D1151 looks on a white background.

Color Contrast Check

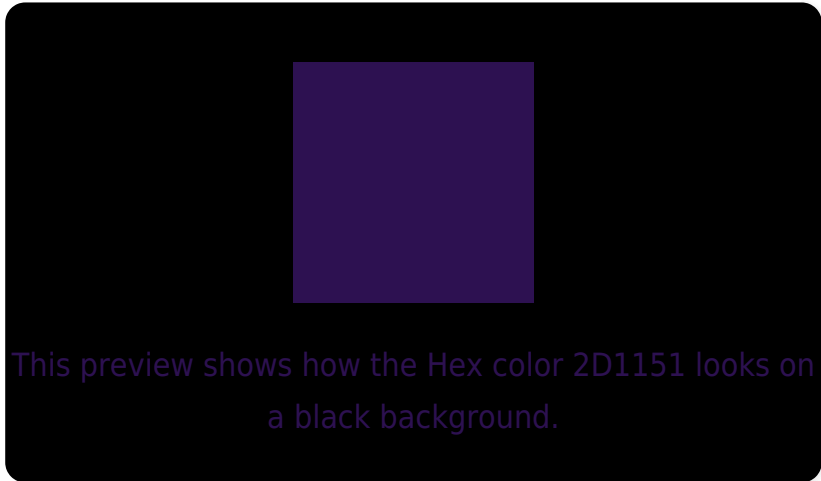
Large Text (above 18pt) WCAG AA ✓ Pass

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

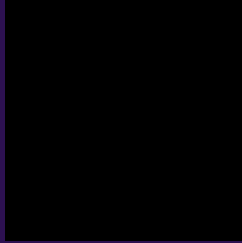
Any Text WCAG AA × Fail

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 2D1151 Background



This preview shows how black text looks on a background with the Hex color 2D1151.



This preview shows how white text looks on a background with the Hex color 2D1151.

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
2D1151

Protanopia
002247

Deuteranopia
00243D



Tritanopia
222325

Trichromacy



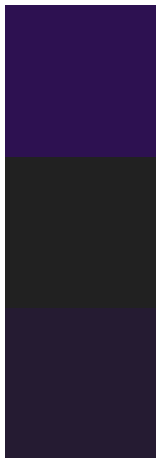
Original Color
2D1151

Protanomaly
101C4B

Deuteranomaly
101D44

Tritanomaly
261C35

Monochromacy



Original Color
2D1151

Achromatopsia
212121

Achromatomaly
251B32

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D1151 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 #2D1151 looks like.

```
.text, #text, p{  
    color:#2D1151  
}
```

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 #2D1151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D1151
}
```

Border

The CSS property to change the border of an element to Hex 2D1151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

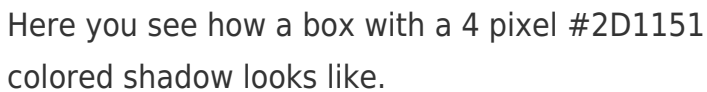
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D1151 }
```

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

```
.border{ border-color:#2D1151 }
```

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



Here you see how a box with a 4 pixel #2D1151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D1151; -webkit-box-shadow:4px 4px  
4px 4px #2D1151; box-shadow:4px 4px 4px  
4px #2D1151 }
```

Background

The CSS property to change the background color of an element to Hex 2D1151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D1151 }
```

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

```
.background{ background-color:#2D1151 }
```

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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