

Converting Colors

Hex(2D2049)

Have a look what the booklet for
Hex(2D2049) contains.

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Color

Hex(2D2049)

Conversions

Conversions Part 1

Format	Color
Hex	2D2049
RGB	45, 32, 73
RGB Percent	18%, 13%, 29%
CMY	0.8235, 0.8745, 0.7137
CMYK	0.38, 0.56, 0.00, 0.71
HSL	259°, 39%, 21%
HSV	259°, 56%, 29%
XYZ	2.8013, 2.0720, 6.5556
YIQ	40.5610, -5.4130, 15.5070

Conversions

Conversions Part 2

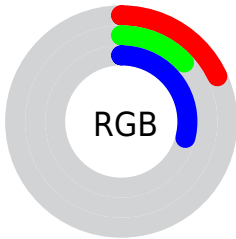
Format	Color
R_{YB}	45, 32, 73
Decimal	2957385
CIE _{Lab}	15.86, 17.12, -23.46
CIE _{LCh}	16, 29.037, 306.120
Yxy	2.0720, 0.2451, 0.1813
Android (android.graphics.Color)	4281147465 (0xFF2D2049)
YUV	40.5610, 15.9924, 3.8930
Hunter-Lab	14.3943, 9.5483, -16.9266




Details

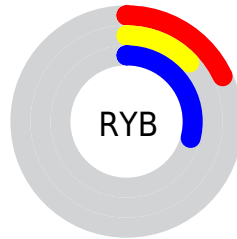
The Hex color **2D2049** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3C4920**, and the grayscale version is **282828**.




A 20% lighter version of the original color is **5D4C7A**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **281949**, and if you desaturate by 10%, it is **322749**.

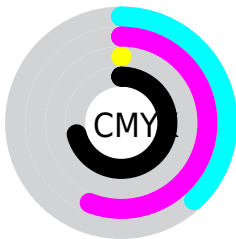
Distribution







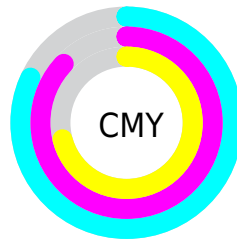
-  Red (18%)
-  Green (13%)
-  Blue (29%)






-  Red (18%)
-  Yellow (13%)
-  Blue (29%)



-  Cyan (38%)
-  Magenta (56%)
-  Yellow (0%)
-  Black (71%)



-  Cyan (82%)
-  Magenta (87%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2049 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 2D2049 by changing the saturation by 10% instead.

■ 2D2049

■ 2D2049

FFFFFF

■ 170B32

■ 5D4C7A

■ 00021D

■ 766494

■ 000000

■ 907DAF

■ AB97CA

■ C6B2E6

■ E2CEFF

■ FFEAFF

■ 2D2049

■ 2D2049

■ 281949

■ 322749

■ 231149

■ 372F49

■ 1E0A49

■ 3C3649

■ 190349

■ 413D49

■ 170049

■ 464549

■ 4B4C49

■ 505349

■ 555A49

■ 5A6249

Harmonies

Analogous

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



002951



2D2049



431639

Triad

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



2D2049



3F2000



00312B

Complementary

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



2D2049



3C4920

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.



003016



2D2049



2E2800

Square

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



2D2049



491710



192D00



00303F

Rectangle

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



2D2049



4A122B



192D00



003124

Sweetspot

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



2D2049



534E5E



203C49



2A2730



B0B0B0



303030

Same Dimension

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



2D2049



331F5E



412049



212024



200063



4800E3

Inverse Universe

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



49203C



5E1F4A



284920



242023



630044



E3009B

Previews

White Background



This preview shows how the Hex color 2D2049 looks on a white background.

Color Contrast Check

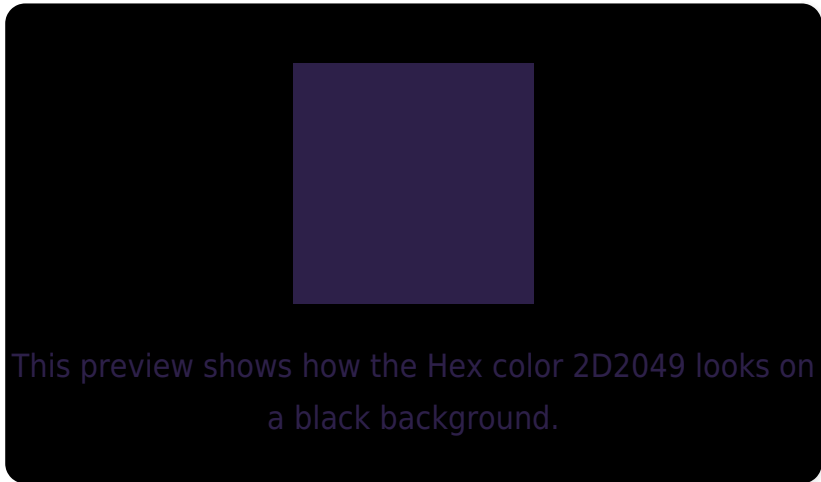
Large Text (above 18pt) WCAG AA ✓ Pass

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

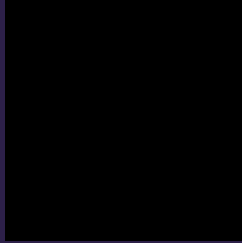
Any Text WCAG AA × Fail

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 2D2049 Background



This preview shows how black text looks on a background with the Hex color 2D2049.



This preview shows how white text looks on a background with the Hex color 2D2049.

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
2D2049

Protanopia
0C2650

Deuteranopia
092847



Tritanopia
26282B

Trichromacy



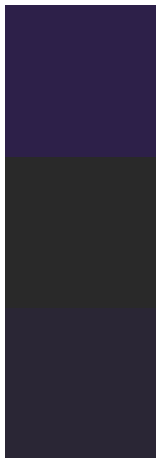
Original Color
2D2049

Protanomaly
18244D

Deuteranomaly
162548

Tritanomaly
292536

Monochromacy



Original Color
2D2049

Achromatopsia
292929

Achromatomaly
2A2635

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2049 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 #2D2049 looks like.

```
.text, #text, p{  
    color:#2D2049  
}
```

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 #2D2049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2049
}
```

Border

The CSS property to change the border of an element to Hex 2D2049 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
#2D2049 }
```

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

```
.border{ border-color:#2D2049 }
```

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

Here you see how a box with a 4 pixel #2D2049 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2049; -webkit-box-shadow:4px 4px  
4px 4px #2D2049; box-shadow:4px 4px 4px  
4px #2D2049 }
```

Background

The CSS property to change the background color of an element to Hex 2D2049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2049 }
```

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

```
.background{ background-color:#2D2049 }
```

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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