

Converting Colors

Hex(2D2697)

Have a look what the booklet for
Hex(2D2697) contains.

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Color

Hex(2D2697)

Conversions

Conversions Part 1

Format	Color
Hex	2D2697
RGB	45, 38, 151
RGB Percent	18%, 15%, 59%
CMY	0.8235, 0.8510, 0.4078
CMYK	0.70, 0.75, 0.00, 0.41
HSL	244°, 60%, 37%
HSV	244°, 75%, 59%
XYZ	7.3612, 4.1785, 29.6967
YIQ	52.9750, -32.1010, 36.6270

Conversions

Conversions Part 2

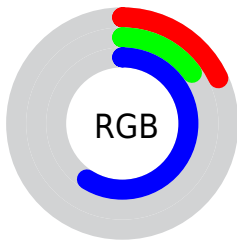
Format	Color
R _Y B	45, 38, 151
Decimal	2958999
CIE Lab	24.25, 39.62, -60.30
CIE LCh	24, 72.154, 303.309
Yxy	4.1785, 0.1785, 0.1013
Android (android.graphics.Color)	4281149079 (0xFF2D2697)
YUV	52.9750, 48.3263, -6.9941
Hunter-Lab	20.4413, 28.5081, -71.8262

Details

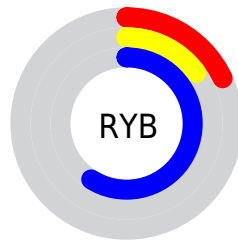
The Hex color **2D2697** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **909726**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **6A55CE**, and **000063** is the 20% darker color. If you saturate the color by 10%, you get **1F1797**, and if you desaturate by 10%, it is **3B3597**.

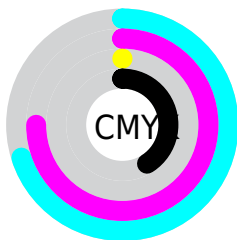
Distribution



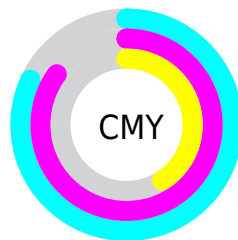
- Red (18%)
- Green (15%)
- Blue (59%)



- Red (18%)
- Yellow (15%)
- Blue (59%)



- Cyan (70%)
- Magenta (75%)
- Yellow (0%)
- Black (41%)



- Cyan (82%)
- Magenta (85%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2697 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 2D2697 by changing the saturation by 10% instead.



2D2697



2D2697

FFFFFF



00107C



6A55CE



000063



876EEB



00004A



A487FF



000432



C1A2FF



00021C



DFBDFD



000000



FCD9FF



FFF6FF



2D2697



2D2697

■ 1F1797

■ 3B3597

■ 110897

■ 494497

■ 090097

■ 575397

■ 666297

■ 747297

■ 828197

■ 909097

■ 9E9F97

■ ACAE97

Harmonies

Analogous

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



0041AA



2D2697



7A006C

Triad

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



2D2697



6C1F00



004C3F

Complementary

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



2D2697



909726

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.



004A00



2D2697



433A00

Square

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



2D2697



890000



004600



004D75

Rectangle

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



2D2697



8D0048



004600



004C2B

Sweetspot

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



2D2697



9C99C4



269197



4B4A63



E3E3E3



636363

Same Dimension

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



2D2697



1F14C4



642697



45454D



09008C



01000D

Inverse Universe

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



972690



C414B9



599726



4D454C



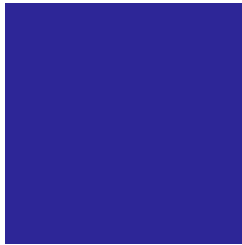
8C0084



0D000C

Previews

White Background



This preview shows how the Hex color 2D2697 looks on a white background.

Color Contrast Check

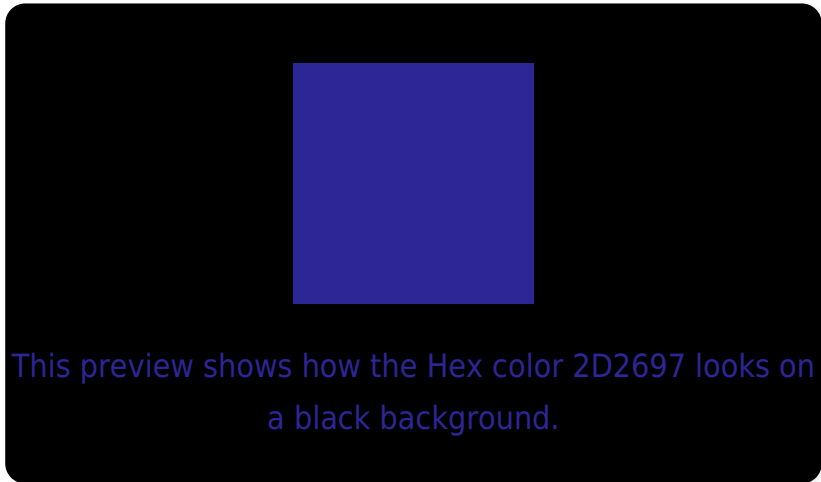
Large Text (above 18pt) WCAG AA ✓ Pass

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

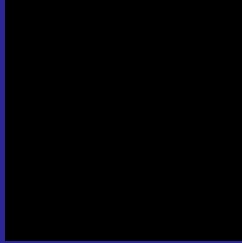
Any Text WCAG AA × Fail

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 2D2697 Background



This preview shows how black text looks on a background with the Hex color 2D2697.



This preview shows how white text looks on a background with the Hex color 2D2697.

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
2D2697

Protanopia
003876

Deuteranopia
003C64

Trichromacy



Original Color
2D2697

Protanomaly
103182

Deuteranomaly
103477

Tritanomaly
103763

Monochromacy



Original Color
2D2697

Achromatopsia
353535

Achromatomaly
323059

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2697 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 #2D2697 looks like.

```
.text, #text, p{  
    color:#2D2697  
}
```

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 #2D2697 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2697  
}
```

Border

The CSS property to change the border of an element to Hex 2D2697 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  
#2D2697 }
```

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

```
.border{ border-color:#2D2697 }
```

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

Here you see how a box with a 4 pixel #2D2697 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2697; -webkit-box-shadow:4px 4px  
4px 4px #2D2697; box-shadow:4px 4px 4px  
4px #2D2697 }
```

Background

The CSS property to change the background color of an element to Hex 2D2697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2697 }
```

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

```
.background{ background-color:#2D2697 }
```

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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