

Converting Colors

Hex(2D246F)

Have a look what the booklet for
Hex(2D246F) contains.

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Color

Hex(2D246F)

Conversions

Conversions Part 1

Format	Color
Hex	2D246F
RGB	45, 36, 111
RGB Percent	18%, 14%, 44%
CMY	0.8235, 0.8588, 0.5647
CMYK	0.59, 0.68, 0.00, 0.56
HSL	247°, 51%, 29%
HSV	247°, 68%, 44%
XYZ	4.5823, 2.9673, 15.3702
YIQ	47.2410, -18.7110, 25.2330

Conversions

Conversions Part 2

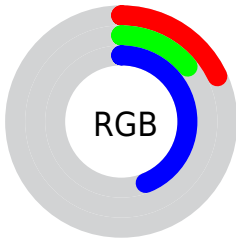
Format	Color
R _Y B	45, 36, 111
Decimal	2958447
CIE Lab	19.91, 27.18, -42.22
CIE LCh	20, 50.212, 302.775
Yxy	2.9673, 0.1999, 0.1295
Android (android.graphics.Color)	4281148527 (0xFF2D246F)
YUV	47.2410, 31.4332, -1.9654
Hunter-Lab	17.2260, 17.3376, -40.8444

Details

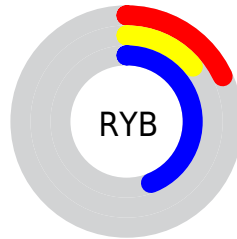
The Hex color **2D246F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **666F24**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **6251A3**, and **00003F** is the 20% darker color. If you saturate the color by 10%, you get **23196F**, and if you desaturate by 10%, it is **372F6F**.

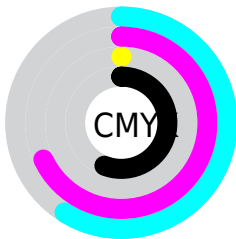
Distribution



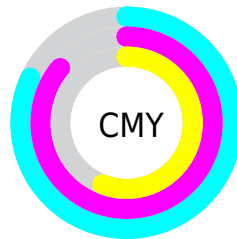
- Red (18%)
- Green (14%)
- Blue (44%)



- Red (18%)
- Yellow (14%)
- Blue (44%)



- Cyan (59%)
- Magenta (68%)
- Yellow (0%)
- Black (56%)



- Cyan (82%)
- Magenta (86%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D246F 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 2D246F by changing the saturation by 10% instead.



2D246F



2D246F

FFFFFF



0E0F56



6251A3



00003F



7D6ABF



000327



9883DB



000111



B49DF8



000000



D0B8FF



EDD4FF



FFF0FF



2D246F



2D246F

■ 23196F

■ 372F6F

■ 190E6F

■ 413A6F

■ 10036F

■ 4A456F

■ 0D006F

■ 54506F

■ 5E5C6F

■ 68676F

■ 71726F

■ 7B7D6F

■ 85886F

Harmonies

Analogous

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



00357B



2D246F



5D0252

Triad

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



2D246F



562000



003E33

Complementary

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



2D246F



666F24

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.



003D0A



2D246F



393000

Square

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



2D246F



690008



113900



003F57

Rectangle

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



2D246F



6A003B



113900



003E26

Sweetspot

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



2D246F



787491



24666F



3A384A



C9C9C9



4A4A4A

Same Dimension

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



2D246F



2A1C91



52246F



333238



0E0078



1E00F7

Inverse Universe

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



6F2466



911C83



416F24



383237



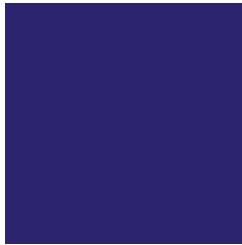
780069



F700DA

Previews

White Background



This preview shows how the Hex color 2D246F looks on a white background.

Color Contrast Check

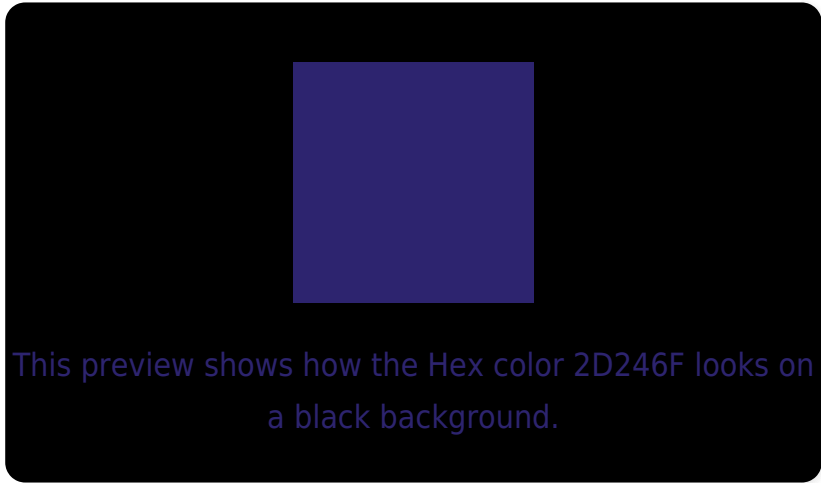
Large Text (above 18pt) WCAG AA ✓ Pass

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

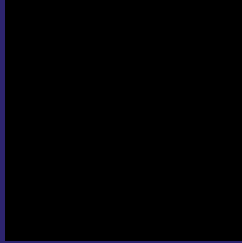
Any Text WCAG AA × Fail

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 2D246F Background



This preview shows how black text looks on a background with the Hex color 2D246F.



This preview shows how white text looks on a background with the Hex color 2D246F.

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](#).

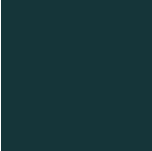
Dichromacy



Original Color
2D246F

Protanopia
002F63

Deuteranopia
003255



Tritanopia
153539

Trichromacy



Original Color
2D246F

Protanomaly
102B67

Deuteranomaly
102D5E

Tritanomaly
1E2F4D

Monochromacy



Original Color
2D246F

Achromatopsia
2F2F2F

Achromatomaly
2E2B46

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D246F 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 #2D246F looks like.

```
.text, #text, p{  
    color:#2D246F  
}
```

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 #2D246F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D246F
}
```

Border

The CSS property to change the border of an element to Hex 2D246F is called "border". The border property can be set on classes, ids or directly on the HTML element.

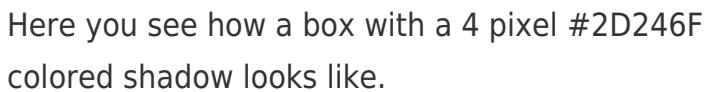
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D246F }
```

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

```
.border{ border-color:#2D246F }
```

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



Here you see how a box with a 4 pixel #2D246F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D246F; -webkit-box-shadow:4px 4px  
4px 4px #2D246F; box-shadow:4px 4px 4px  
4px #2D246F }
```

Background

The CSS property to change the background color of an element to Hex 2D246F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D246F }
```

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

```
.background{ background-color:#2D246F }
```

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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