

Converting Colors

Hex(2A306D)

Have a look what the booklet for
Hex(2A306D) contains.

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Color

Hex(2A306D)

Conversions

Conversions Part 1

Format	Color
Hex	2A306D
RGB	42, 48, 109
RGB Percent	16%, 19%, 43%
CMY	0.8353, 0.8118, 0.5725
CMYK	0.61, 0.56, 0.00, 0.57
HSL	235°, 44%, 30%
HSV	235°, 61%, 43%
XYZ	4.7721, 3.7103, 14.9326
YIQ	53.1600, -23.1570, 17.6990

Conversions

Conversions Part 2

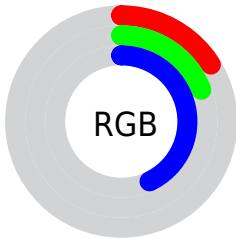
Format	Color
R _Y B	42, 48, 109
Decimal	2764909
CIE Lab	22.69, 17.69, -36.43
CIE LCh	23, 40.501, 295.901
Yxy	3.7103, 0.2038, 0.1585
Android (android.graphics.Color)	4280954989 (0xFF2A306D)
YUV	53.1600, 27.5291, -9.7873
Hunter-Lab	19.2621, 10.5142, -32.4803

Details

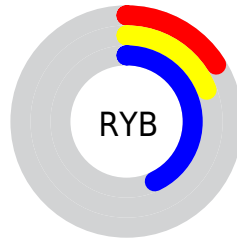
The Hex color **2A306D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6D672A**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **5E5EA1**, and **00023D** is the 20% darker color. If you saturate the color by 10%, you get **1F266D**, and if you desaturate by 10%, it is **353A6D**.

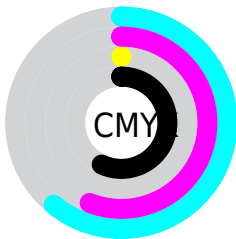
Distribution



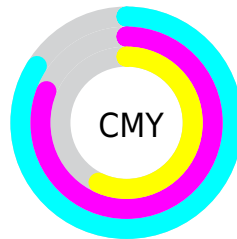
- Red (16%)
- Green (19%)
- Blue (43%)



- Red (16%)
- Yellow (19%)
- Blue (43%)



- Cyan (61%)
- Magenta (56%)
- Yellow (0%)
- Black (57%)



- Cyan (84%)
- Magenta (81%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A306D 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 2A306D by changing the saturation by 10% instead.

■ 2A306D

■ 2A306D

FFFFFF

■ 0B1B54

■ 5E5EA1

■ 00023D

■ 7977BC

■ 000326

■ 9490D8

■ 00010F

■ AFABF5

■ 000000

■ CBC6FF

■ E8E2FF

■ 2A306D

■ 2A306D

■ 1F266D

■ 353A6D

■ 141C6D

■ 40446D

■ 09126D

■ 4B4E6D

■ 000A6D

■ 56586D

■ 61626D

■ 6B6C6D

■ 76756D

■ 817F6D

■ 8C896D

Harmonies

Analogous

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



003B73



2A306D



562058

Triad

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



2A306D



5D2600



004331

Complementary

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



2A306D



6D672A

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.



004111



2A306D



473300

Square

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



2A306D



69171E



2B3C00



004350

Rectangle

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



2A306D



641546



2B3C00



004326

Sweetspot

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



2A306D



75778F



2A6D66



383947



C7C7C7



474747

Same Dimension

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



2A306D



252F8F



452A6D



303136



000B75



0016F5

Inverse Universe

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



6D2A30



8F252F



526D2A



363031



75000B



F50016

Previews

White Background



This preview shows how the Hex color 2A306D looks on a white background.

Color Contrast Check

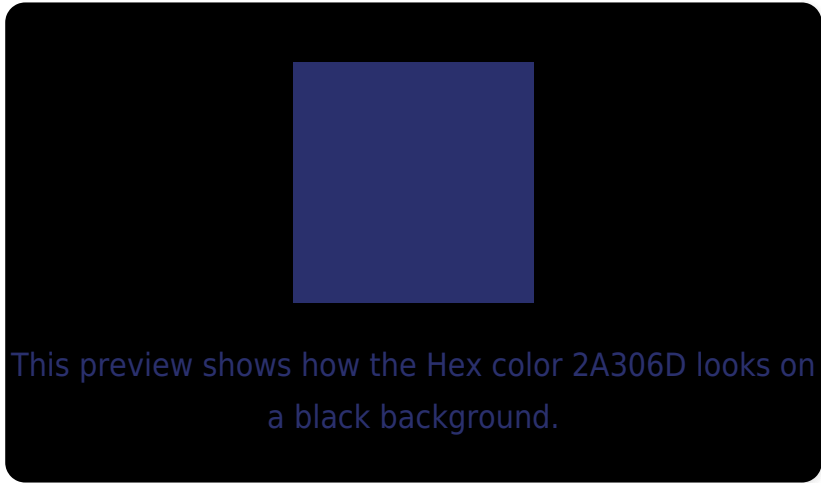
Large Text (above 18pt) WCAG AA ✓ Pass

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

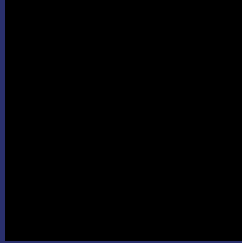
Any Text WCAG AA × Fail

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 2A306D Background



This preview shows how black text looks on a background with the Hex color 2A306D.

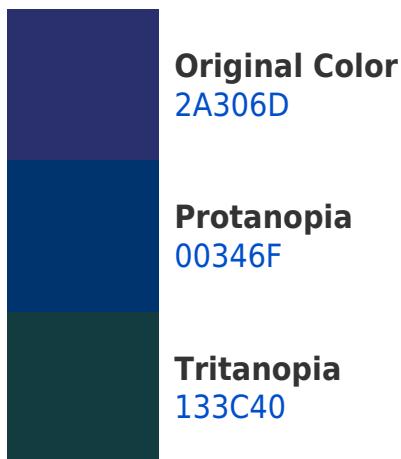


This preview shows how white text looks on a background with the Hex color 2A306D.

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



Trichromacy



Original Color
2A306D

Protanomaly
0F336E

Tritanomaly
1B3850

Monochromacy



Original Color
2A306D

Achromatopsia
353535

Achromatomaly
313349

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A306D 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 #2A306D looks like.

```
.text, #text, p{  
    color:#2A306D  
}
```

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 #2A306D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A306D
}
```

Border

The CSS property to change the border of an element to Hex 2A306D 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
#2A306D }
```

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

```
.border{ border-color:#2A306D }
```

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

Here you see how a box with a 4 pixel #2A306D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A306D; -webkit-box-shadow:4px 4px  
4px 4px #2A306D; box-shadow:4px 4px 4px  
4px #2A306D }
```

Background

The CSS property to change the background color of an element to Hex 2A306D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A306D }
```

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

```
.background{ background-color:#2A306D }
```

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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