

Converting Colors

Hex(2A3065)

Have a look what the booklet for
Hex(2A3065) contains.

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Color

Hex(2A3065)

Conversions

Conversions Part 1

Format	Color
Hex	2A3065
RGB	42, 48, 101
RGB Percent	16%, 19%, 40%
CMY	0.8353, 0.8118, 0.6039
CMYK	0.58, 0.52, 0.00, 0.60
HSL	234°, 41%, 28%
HSV	234°, 58%, 40%
XYZ	4.3608, 3.5457, 12.7665
YIQ	52.2480, -20.5890, 15.2110

Conversions

Conversions Part 2

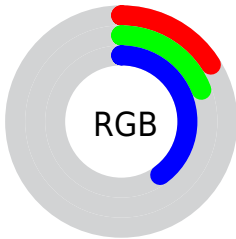
Format	Color
R_{YB}	42, 47, 101
Decimal	2764901
CIE _{Lab}	22.11, 14.73, -32.18
CIE _{LCh}	22, 35.396, 294.599
Yxy	3.5457, 0.2109, 0.1715
Android (android.graphics.Color)	4280954981 (0xFF2A3065)
YUV	52.2480, 24.0347, -8.9875
Hunter-Lab	18.8301, 8.3851, -27.0165




Details

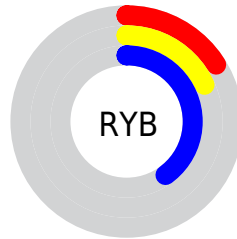
The Hex color **2A3065** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **655F2A**, and the grayscale version is **343434**.




A 20% lighter version of the original color is **5D5E98**, and **000136** is the 20% darker color. If you saturate the color by 10%, you get **202765**, and if you desaturate by 10%, it is **343965**.

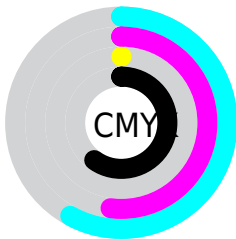
Distribution







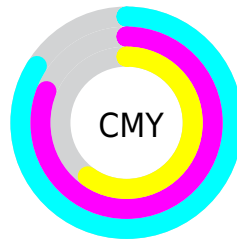
-  Red (16%)
-  Green (19%)
-  Blue (40%)






-  Red (16%)
-  Yellow (18%)
-  Blue (40%)



-  Cyan (58%)
-  Magenta (52%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (84%)
-  Magenta (81%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3065 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 2A3065 by changing the saturation by 10% instead.



2A3065



2A3065

FFFFFF



0E1B4D



5D5E98



000136



7776B3



000220



9190CF



000003



ADABEB



000000



C9C6FF



E5E2FF



FFFEFF



2A3065



2A3065

■ 202765

■ 343965

■ 161E65

■ 3E4265

■ 0C1565

■ 484B65

■ 020C65

■ 525465

■ 000A65

■ 5D5D65

■ 676665

■ 717065

■ 7B7965

■ 858265

Harmonies

Analogous

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



003A69



2A3065



502354

Triad

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



2A3065



582708



00402F

Complementary

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



2A3065



655F2A

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.



013E14



2A3065



463200

Square

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



2A3065



621C21



2D3A00



00414A

Rectangle

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



2A3065



5D1C44



2D3A00



004026

Sweetspot

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



2A3065



6B6D82



2A655E



343542



C2C2C2



424242

Same Dimension

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



2A3065



273082



412A65



2E2E33



000C73



0019F2

Inverse Universe

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



652A30



822730



4E652A



332E2E



73000C



F20019

Previews

White Background



This preview shows how the Hex color 2A3065 looks on a white background.

Color Contrast Check

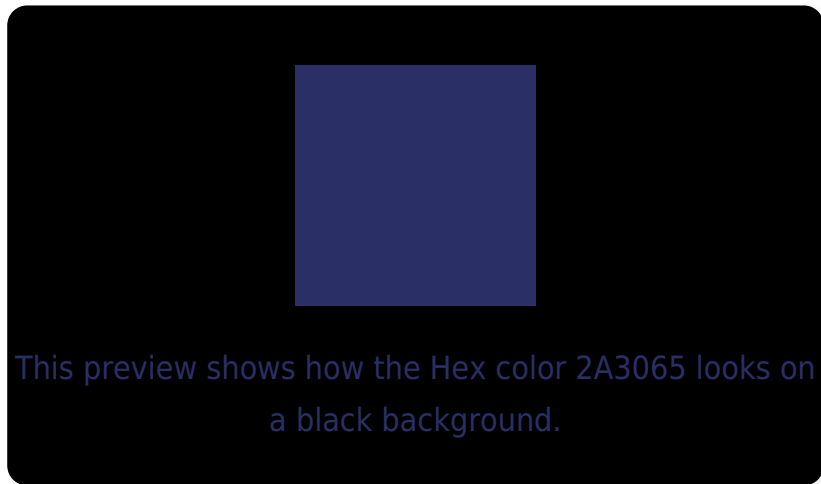
Large Text (above 18pt) WCAG AA ✓ Pass

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

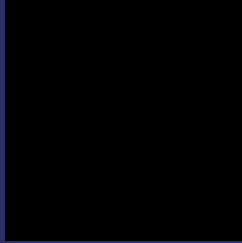
Any Text WCAG AA × Fail

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 2A3065 Background



This preview shows how black text looks on a background with the Hex color 2A3065.



This preview shows how white text looks on a background with the Hex color 2A3065.

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
2A3065

Protanopia
133368

Deuteranopia
00365F



Tritanopia
1A3A3E

Trichromacy



Original Color
2A3065

Protanomaly
1B3267

Deuteranomaly
0F3461

Tritanomaly
20364C

Monochromacy



Original Color
2A3065

Achromatopsia
343434

Achromatomaly
303346

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3065 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 #2A3065 looks like.

```
.text, #text, p{  
    color:#2A3065  
}
```

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 #2A3065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3065
}
```

Border

The CSS property to change the border of an element to Hex 2A3065 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
#2A3065 }
```

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

```
.border{ border-color:#2A3065 }
```

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

Here you see how a box with a 4 pixel #2A3065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3065; -webkit-box-shadow:4px 4px  
4px 4px #2A3065; box-shadow:4px 4px 4px  
4px #2A3065 }
```

Background

The CSS property to change the background color of an element to Hex 2A3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3065 }
```

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

```
.background{ background-color:#2A3065 }
```

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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