

Converting Colors

Hex(2A3152)

Have a look what the booklet for
Hex(2A3152) contains.

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Color

Hex(2A3152)

Conversions

Conversions Part 1

Format	Color
Hex	2A3152
RGB	42, 49, 82
RGB Percent	16%, 19%, 32%
CMY	0.8353, 0.8078, 0.6784
CMYK	0.49, 0.40, 0.00, 0.68
HSL	230°, 32%, 24%
HSV	230°, 49%, 32%
XYZ	3.5761, 3.2981, 8.4307
YIQ	50.6690, -14.7650, 8.7790

Conversions

Conversions Part 2

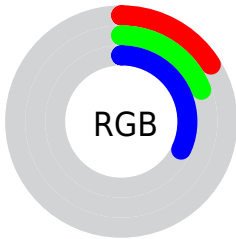
Format	Color
R_{YB}	42, 48, 82
Decimal	2765138
CIE Lab	21.20, 7.20, -21.11
CIE LCh	21, 22.300, 288.833
Yxy	3.2981, 0.2337, 0.2155
Android (android.graphics.Color)	4280955218 (0xFF2A3152)
YUV	50.6690, 15.4462, -7.6027
Hunter-Lab	18.1606, 3.3689, -14.8120

Details

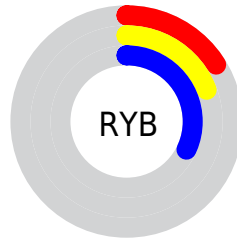
The Hex color **2A3152** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **524B2A**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **5A5F84**, and **000125** is the 20% darker color. If you saturate the color by 10%, you get **222A52**, and if you desaturate by 10%, it is **323852**.

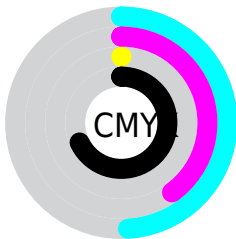
Distribution



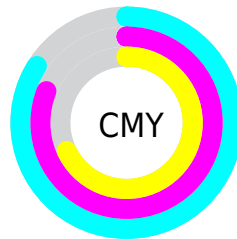
- Red (16%)
- Green (19%)
- Blue (32%)



- Red (16%)
- Yellow (19%)
- Blue (32%)



- Cyan (49%)
- Magenta (40%)
- Yellow (0%)
- Black (68%)



- Cyan (84%)
- Magenta (81%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3152 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 2A3152 by changing the saturation by 10% instead.

■ 2A3152

■ 2A3152

FFFFFF

■ 131C3B

■ 5A5F84

■ 000125

■ 73789E

■ 00010E

■ 8D91B9

■ 000000

■ A8ACD5

■ C3C7F1

■ DFE3FF

■ FCFE3F

■ 2A3152

■ 2A3152

■ 222A52

■ 323852

■ 1A2352

■ 3A3F52

■ 111D52

■ 434552

■ 091652

■ 4B4C52

■ 010F52

■ 535352

■ 000E52

■ 5B5A52

■ 636052

■ 6C6752

■ 746E52

Harmonies

Analogous

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



003653



2A3152



412B49

Triad

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



2A3152



4D2A1B



013B2C

Complementary

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



2A3152



524B2A

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.



1F391C



2A3152



423012

Square

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



2A3152



522529



323512



003B3D

Rectangle

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



2A3152



4B273F



323512



0E3A26

Sweetspot

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



2A3152



5B5E6B



2A524B



2C2E36



B5B5B5



363636

Same Dimension

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



2A3152



2C376B



372A52



252529



001269



0029E8

Inverse Universe

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



522A31



6B2C37



45522A



292525



690012



E80029

Previews

White Background



This preview shows how the Hex color 2A3152 looks on a white background.

Color Contrast Check

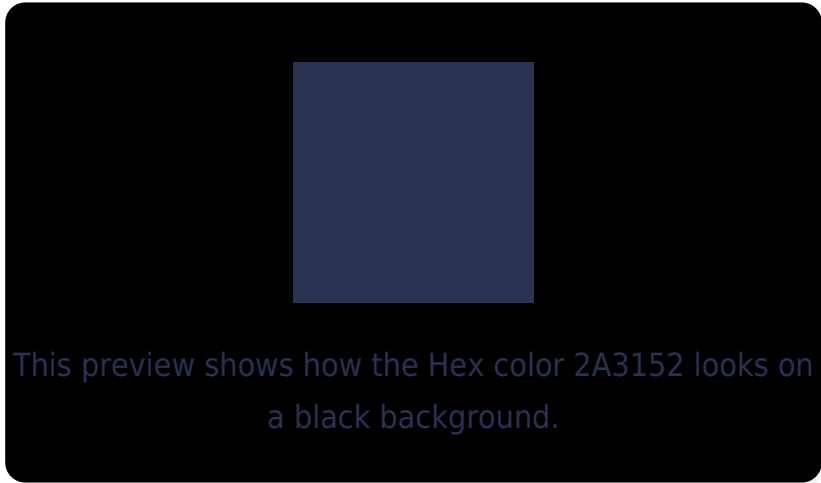
Large Text (above 18pt) WCAG AA ✓ Pass

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

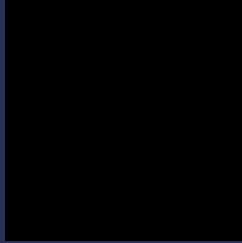
Any Text WCAG AA × Fail

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 2A3152 Background



This preview shows how black text looks on a background with the Hex color 2A3152.



This preview shows how white text looks on a background with the Hex color 2A3152.

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](#).

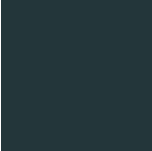
Dichromacy



Original Color
2A3152

Protanopia
263253

Deuteranopia
213352



Tritanopia
23363A

Trichromacy



Original Color
2A3152

Protanomaly
273253

Deuteranomaly
243252

Tritanomaly
263443

Monochromacy



Original Color
2A3152

Achromatopsia
333333

Achromatomaly
30323E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3152 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 #2A3152 looks like.

```
.text, #text, p{  
    color:#2A3152  
}
```

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 #2A3152 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3152
}
```

Border

The CSS property to change the border of an element to Hex 2A3152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

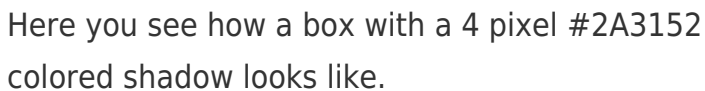
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A3152 }
```

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

```
.border{ border-color:#2A3152 }
```

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



Here you see how a box with a 4 pixel #2A3152 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3152; -webkit-box-shadow:4px 4px  
4px 4px #2A3152; box-shadow:4px 4px 4px  
4px #2A3152 }
```

Background

The CSS property to change the background color of an element to Hex 2A3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3152 }
```

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

```
.background{ background-color:#2A3152 }
```

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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