

Converting Colors

Hex(2A154F)

Have a look what the booklet for
Hex(2A154F) contains.

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Color

Hex(2A154F)

Conversions

Conversions Part 1

Format	Color
Hex	2A154F
RGB	42, 21, 79
RGB Percent	16%, 8%, 31%
CMY	0.8353, 0.9176, 0.6902
CMYK	0.47, 0.73, 0.00, 0.69
HSL	262°, 58%, 20%
HSV	262°, 73%, 31%
XYZ	2.6343, 1.5931, 7.5658
YIQ	33.8910, -6.1020, 22.4900

Conversions

Conversions Part 2

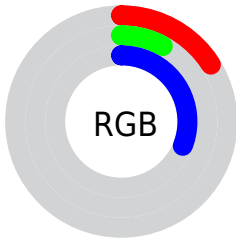
Format	Color
R_{YB}	42, 21, 79
Decimal	2757967
CIE Lab	13.19, 25.50, -31.90
CIE LCh	13, 40.841, 308.642
Yxy	1.5931, 0.2234, 0.1351
Android (android.graphics.Color)	4280948047 (0xFF2A154F)
YUV	33.8910, 22.2387, 7.1116
Hunter-Lab	12.6217, 15.1668, -26.7047

Details

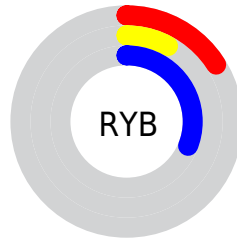
The Hex color **2A154F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **3A4F15**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **5B4181**, and **000222** is the 20% darker color. If you saturate the color by 10%, you get **250D4F**, and if you desaturate by 10%, it is **2F1D4F**.

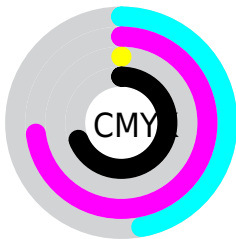
Distribution



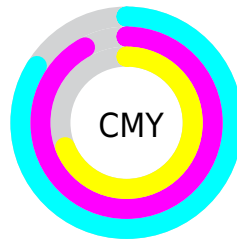
- Red (16%)
- Green (8%)
- Blue (31%)



- Red (16%)
- Yellow (8%)
- Blue (31%)



- Cyan (47%)
- Magenta (73%)
- Yellow (0%)
- Black (69%)



- Cyan (84%)
- Magenta (92%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A154F 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 2A154F by changing the saturation by 10% instead.

■ 2A154F

■ 2A154F

■ FFFAFF

■ 140038

■ 5B4181

■ 000222

■ 75599B

■ 000007

■ 8F72B6

■ 000000

■ AA8BD2

■ C6A6EE

■ E2C1FF

■ FFDDFF

■ 2A154F

■ 2A154F

■ 250D4F

■ 2F1D4F

■ 20054F

■ 34254F

■ 1D004F

■ 392D4F

■ 3E354F

■ 433C4F

■ 48444F

■ 4D4C4F

■ 52544F

■ 575C4F

Harmonies

Analogous

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



00235B



2A154F



480037

Triad

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



2A154F



3B1800



002E2A

Complementary

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



2A154F



3A4F15

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.



002C09



2A154F



242400

Square

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



2A154F



4C0300



012900



002D45

Rectangle

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



2A154F



500025



012900



002D20

Sweetspot

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



2A154F



585066



153B4F



2B2633



B3B3B3



333333

Same Dimension

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



2A154F



2D0C66



46154F



242226



250066



5300E6

Inverse Universe

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



4F153A



660C46



1E4F15



262225



660041



E60092

Previews

White Background



This preview shows how the Hex color 2A154F looks on a white background.

Color Contrast Check

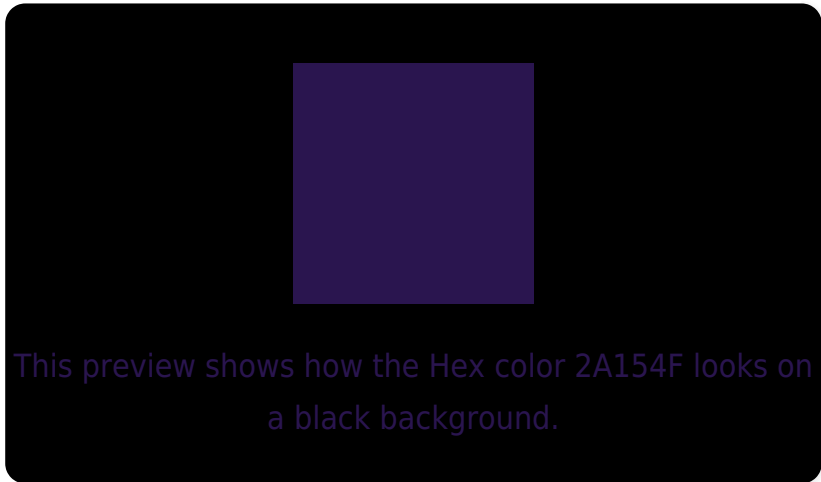
Large Text (above 18pt) WCAG AA ✓ Pass

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

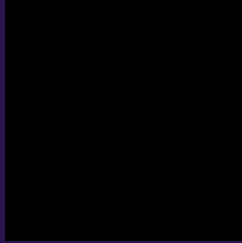
Any Text WCAG AA × Fail

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 2A154F Background



This preview shows how black text looks on a background with the Hex color 2A154F.



This preview shows how white text looks on a background with the Hex color 2A154F.

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
2A154F

Protanopia
002247

Deuteranopia
00243D



Tritanopia
1F2326

Trichromacy



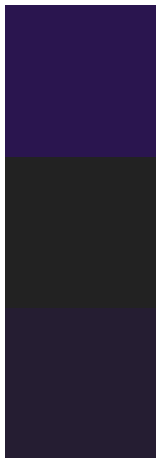
Original Color
2A154F

Protanomaly
0F1D4A

Deuteranomaly
0F1F44

Tritanomaly
231E35

Monochromacy



Original Color
2A154F

Achromatopsia
222222

Achromatomaly
251D32

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A154F 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 #2A154F looks like.

```
.text, #text, p{  
    color:#2A154F  
}
```

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 #2A154F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A154F
}
```

Border

The CSS property to change the border of an element to Hex 2A154F is called "border". The border property can be set on classes, ids or directly on the HTML element.

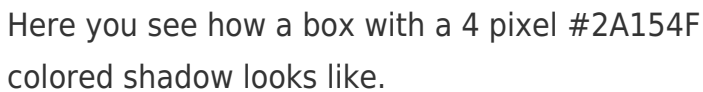
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A154F }
```

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

```
.border{ border-color:#2A154F }
```

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



Here you see how a box with a 4 pixel #2A154F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A154F; -webkit-box-shadow:4px 4px  
4px 4px #2A154F; box-shadow:4px 4px 4px  
4px #2A154F }
```

Background

The CSS property to change the background color of an element to Hex 2A154F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A154F }
```

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

```
.background{ background-color:#2A154F }
```

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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