

Converting Colors

Hex(2E254A)

Have a look what the booklet for
Hex(2E254A) contains.

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Color

Hex(2E254A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 2E254A |
| RGB | 46, 37, 74 |
| RGB Percent | 18%, 15%, 29% |
| CMY | 0.8196, 0.8549, 0.7098 |
| CMYK | 0.38, 0.50, 0.00, 0.71 |
| HSL | 255°, 33%, 22% |
| HSV | 255°, 50%, 29% |
| XYZ | 3.0243, 2.3984, 6.7821 |
| YIQ | 43.9090, -6.5130, 13.4150 |

Conversions

Conversions Part 2

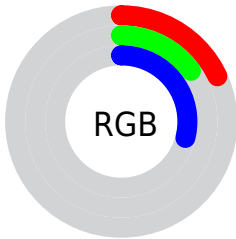
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 46, 37, 74 |
| Decimal | 3024202 |
| CIELab | 17.45, 14.25, -21.60 |
| CIElCh | 17, 25.878, 303.406 |
| Yxy | 2.3984, 0.2478, 0.1965 |
| Android (android.graphics.Color) | 4281214282 (0xFF2E254A) |
| YUV | 43.9090, 14.8349, 1.8338 |
| Hunter-Lab | 15.4867, 7.7564, -15.1241 |

Details

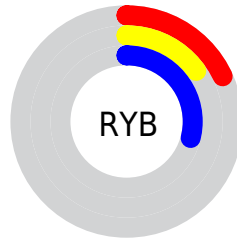
The Hex color **2E254A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **414A25**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5D527B**, and **00001E** is the 20% darker color. If you saturate the color by 10%, you get **281E4A**, and if you desaturate by 10%, it is **342C4A**.

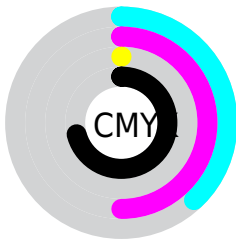
Distribution



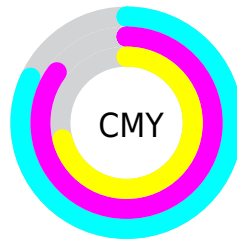
- Red (18%)
- Green (15%)
- Blue (29%)



- Red (18%)
- Yellow (15%)
- Blue (29%)



- Cyan (38%)
- Magenta (50%)
- Yellow (0%)
- Black (71%)



- Cyan (82%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E254A 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 2E254A by changing the saturation by 10% instead.



2E254A



2E254A

FFFFFF



181133



5D527B



00001E



776A95



000000



9183B0



AB9DCB



C7B8E7



E3D4FF



FFF0FF



2E254A



2E254A

■ 281E4A

■ 342C4A

■ 23164A

■ 39344A

■ 1D0F4A

■ 3F3B4A

■ 18074A

■ 44434A

■ 12004A

■ 4A4A4A

■ 50514A

■ 55594A

■ 5B604A

■ 60684A

Harmonies

Analogous

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



002C50



2E254A



431D3C

Triad

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



2E254A



422406



00342C

Complementary

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



2E254A



414A25

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.



013219



2E254A



332B00

Square

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



2E254A



4B1C17



203008



00333F

Rectangle

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



2E254A



4A1A30



203008



003326

Sweetspot

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



2E254A



565261



25414A



2A2830



B0B0B0



303030

Same Dimension

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



2E254A



352761



40254A



232226



190066



3800E6

Inverse Universe

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



4A2541



612753



2F4A25



262225



66004D



E600AE

Previews

White Background



This preview shows how the Hex color 2E254A looks on a white background.

Color Contrast Check

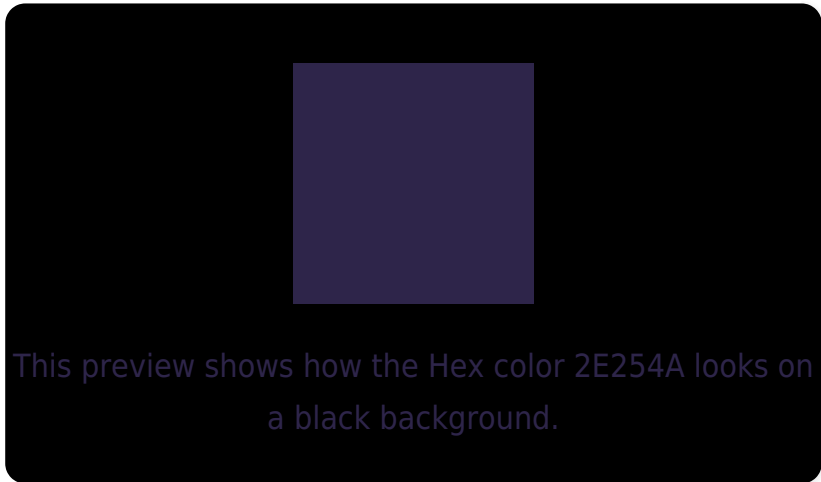
Large Text (above 18pt) WCAG AA ✓ Pass

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

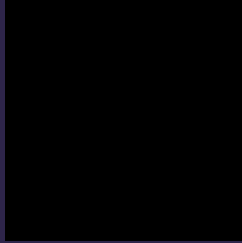
Any Text WCAG AA × Fail

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 2E254A Background



This preview shows how black text looks on a background with the Hex color 2E254A.



This preview shows how white text looks on a background with the Hex color 2E254A.

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
2E254A

Protanopia
192A4F

Deuteranopia
162B49



Tritanopia
282C2F

Trichromacy



Original Color

2E254A

Protanomaly

21284D

Deuteranomaly

1F2949

Tritanomaly

2A2939

Monochromacy



Original Color

2E254A

Achromatopsia

2C2C2C

Achromatomaly

2D2937

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E254A 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 #2E254A looks like.

```
.text, #text, p{  
    color:#2E254A  
}
```

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 #2E254A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E254A
}
```

Border

The CSS property to change the border of an element to Hex 2E254A is called "border". The border property can be set on classes, ids or directly on the HTML element.

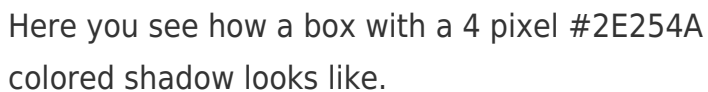
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E254A }
```

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

```
.border{ border-color:#2E254A }
```

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



Here you see how a box with a 4 pixel #2E254A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E254A; -webkit-box-shadow:4px 4px  
4px 4px #2E254A; box-shadow:4px 4px 4px  
4px #2E254A }
```

Background

The CSS property to change the background color of an element to Hex 2E254A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E254A }
```

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

```
.background{ background-color:#2E254A }
```

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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