

Converting Colors

Hex(2A334E)

Have a look what the booklet for
Hex(2A334E) contains.

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Color

Hex(2A334E)

Conversions

Conversions Part 1

Format	Color
Hex	2A334E
RGB	42, 51, 78
RGB Percent	16%, 20%, 31%
CMY	0.8353, 0.8000, 0.6941
CMYK	0.46, 0.35, 0.00, 0.69
HSL	225°, 30%, 24%
HSV	225°, 46%, 31%
XYZ	3.5138, 3.4100, 7.6807
YIQ	51.3870, -14.0310, 6.4890

Conversions

Conversions Part 2

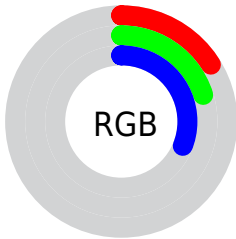
Format	Color
RYB	42, 49, 78
Decimal	2765646
CIELab	21.62, 4.43, -17.78
CIELCh	22, 18.325, 283.978
Yxy	3.4100, 0.2406, 0.2335
Android (android.graphics.Color)	4280955726 (0xFF2A334E)
YUV	51.3870, 13.1202, -8.2324
Hunter-Lab	18.4661, 1.6503, -11.7347

Details

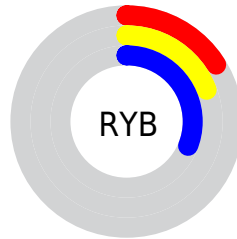
The Hex color **2A334E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4E452A**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **59617F**, and **000422** is the 20% darker color. If you saturate the color by 10%, you get **222D4E**, and if you desaturate by 10%, it is **32394E**.

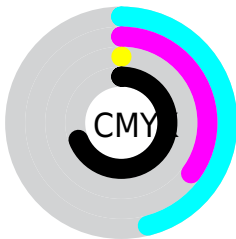
Distribution



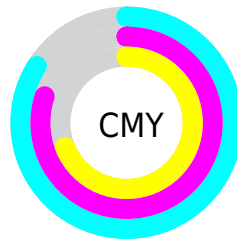
- Red (16%)
- Green (20%)
- Blue (31%)



- Red (16%)
- Yellow (19%)
- Blue (31%)



- Cyan (46%)
- Magenta (35%)
- Yellow (0%)
- Black (69%)



- Cyan (84%)
- Magenta (80%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A334E 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 2A334E by changing the saturation by 10% instead.

■ 2A334E

■ 2A334E

FFFFFF

■ 131E37

■ 59617F

■ 000422

■ 727A99

■ 000008

■ 8C94B4

■ 000000

■ A7AED0

■ C2CAEC

■ DEE6FF

■ FBFFFF

■ 2A334E

■ 2A334E

■ 222D4E

■ 32394E

■ 1A274E

■ 3A3F4E

■ 13214E

■ 41454E

■ 0B1C4E

■ 494A4E

■ 03164E

■ 51504E

■ 00144E

■ 59564E

■ 615C4E

■ 68624E

■ 70684E

Harmonies

Analogous

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



10374E



2A334E



3D2E47

Triad

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



2A334E



4B2C22



153A2C

Complementary

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



2A334E



4E452A

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.



273820



2A334E



43301A

Square

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



2A334E



4E292E



363519



003B3A

Rectangle

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



2A334E



462B40



363519



1C3A27

Sweetspot

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



2A334E



585B66



2A4E45



2A2C33



B3B3B3



333333

Same Dimension

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



2A334E



2E3C66



332A4E



222326



001A66



0039E6

Inverse Universe

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



4E2A33



662E3C



454E2A



262223



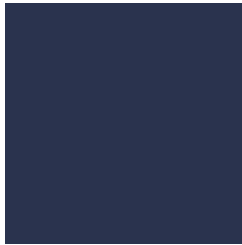
66001A



E60039

Previews

White Background



This preview shows how the Hex color 2A334E looks on a white background.

Color Contrast Check

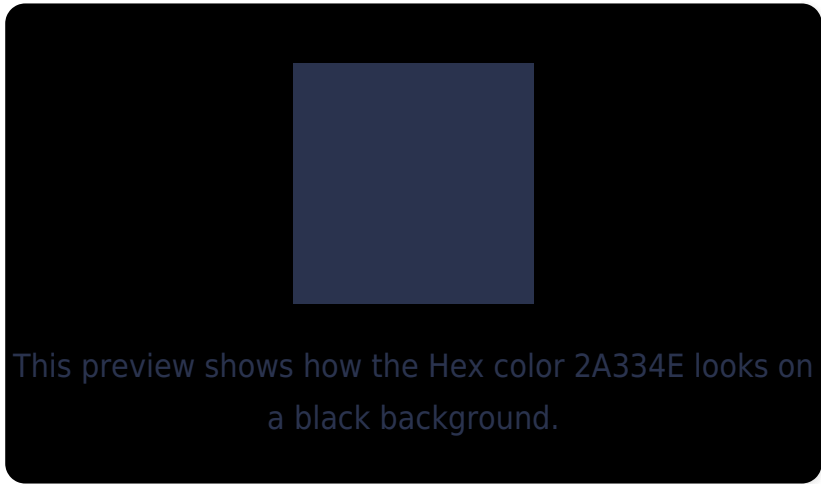
Large Text (above 18pt) WCAG AA ✓ Pass

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

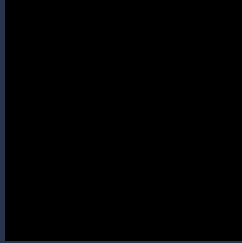
Any Text WCAG AA × Fail

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 2A334E Background



This preview shows how black text looks on a background with the Hex color 2A334E.



This preview shows how white text looks on a background with the Hex color 2A334E.

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
2A334E

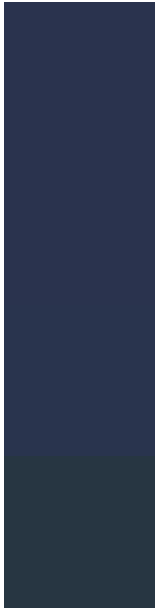
Protanopia
2A334E

Deuteranopia
28344E



Tritanopia
25373B

Trichromacy



Original Color
2A334E

Protanomaly
2A334E

Deuteranomaly
29344E

Tritanomaly
273642

Monochromacy



Original Color
2A334E

Achromatopsia
333333

Achromatomaly
30333D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A334E 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 #2A334E looks like.

```
.text, #text, p{  
    color:#2A334E  
}
```

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 #2A334E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A334E
}
```

Border

The CSS property to change the border of an element to Hex 2A334E is called "border". The border property can be set on classes, ids or directly on the HTML element.

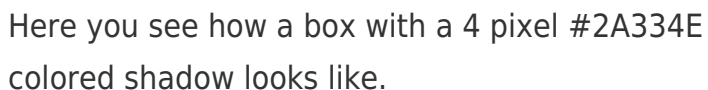
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A334E }
```

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

```
.border{ border-color:#2A334E }
```

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



Here you see how a box with a 4 pixel #2A334E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A334E; -webkit-box-shadow:4px 4px  
4px 4px #2A334E; box-shadow:4px 4px 4px  
4px #2A334E }
```

Background

The CSS property to change the background color of an element to Hex 2A334E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A334E }
```

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

```
.background{ background-color:#2A334E }
```

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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