

# Converting Colors

Hex(2E314B)

Have a look what the booklet for  
Hex(2E314B) contains.

<b>Hex(2E314B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(2E314B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E314B
RGB	46, 49, 75
RGB Percent	18%, 19%, 29%
CMY	0.8196, 0.8078, 0.7059
CMYK	0.39, 0.35, 0.00, 0.71
HSL	234°, 24%, 24%
HSV	234°, 39%, 29%
XYZ	3.4950, 3.2855, 7.1066
YIQ	51.0670, -10.1340, 7.4500

# Conversions

## Conversions Part 2

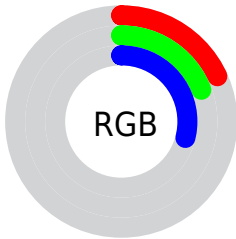
Format	Color
<b>RYB</b>	46, 49, 75
Decimal	3027275
CIELab	21.15, 6.13, -16.47
CIElCh	21, 17.571, 290.406
Yxy	3.2855, 0.2517, 0.2366
Android (android.graphics.Color)	4281217355 (0xFF2E314B)
YUV	51.0670, 11.7990, -4.4438
Hunter-Lab	18.1259, 2.6981, -10.5576

# Details

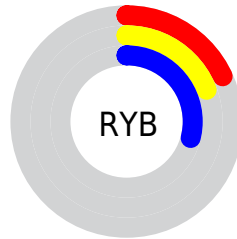
The Hex color **2E314B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4B482E**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **5D5F7C**, and **01011F** is the 20% darker color. If you saturate the color by 10%, you get **272A4B**, and if you desaturate by 10%, it is **35384B**.

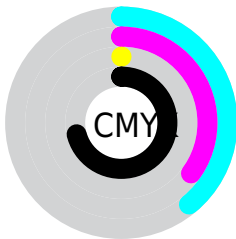
# Distribution



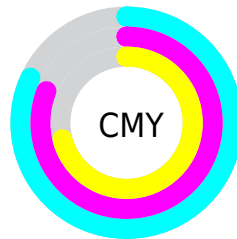
- Red (18%)
- Green (19%)
- Blue (29%)



- Red (18%)
- Yellow (19%)
- Blue (29%)



- Cyan (39%)
- Magenta (35%)
- Yellow (0%)
- Black (71%)



- Cyan (82%)
- Magenta (81%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E314B 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 2E314B by changing the saturation by 10% instead.





2E314B



2E314B

FFFFFF



181C34



5D5F7C



01011F



767896



000003



9091B1



000000



ABACCC



C6C7E8



E2E3FF



2E314B



2E314B



272A4B



35384B

■ 1F244B

■ 3D3E4B

■ 171D4B

■ 45454B

■ 10164B

■ 4C4C4B

■ 080F4B

■ 54534B

■ 01094B

■ 5B594B

■ 00084B

■ 62604B

■ 6A674B

■ 726E4B

# Harmonies

## Analogous

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



17354C



2E314B



3F2C43

# Triad

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



2E314B



482C1F



11392E

# Complementary

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



2E314B



4B482E

# 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.



233822



2E314B



3F3119

# Square

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



2E314B



4C292A



32351A



003A3B

# Rectangle

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



2E314B



472A3C



32351A



18392A



# Sweetspot

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



2E314B



555661



2E4B48



2A2A30



B0B0B0



303030



# Same Dimension

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



2E314B



343961



392E4B



222326



000B66



0018E6



# Inverse Universe

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



4B2E31



613439



404B2E



262223



66000B



E60018



# Previews

## White Background



This preview shows how the Hex color 2E314B looks on a white background.

## Color Contrast Check

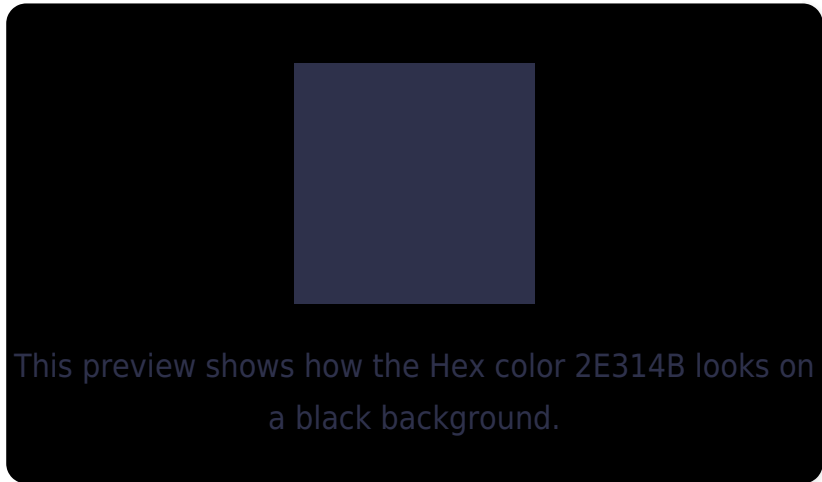
Large Text (above 18pt) WCAG AA ✓ Pass

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

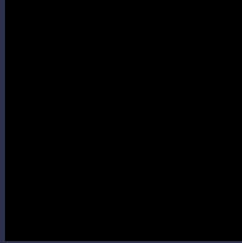
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2E314B Background



This preview shows how black text looks on a background with the Hex color 2E314B.



This preview shows how white text looks on a background with the Hex color 2E314B.

# 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**  
2E314B

**Protanopia**  
2A324C

**Deuteranopia**  
29324B



**Tritanopia**  
2A3539

# Trichromacy



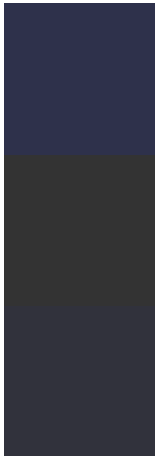
**Original Color**  
2E314B

**Protanomaly**  
2B324C

**Deuteranomaly**  
2B324B

**Tritanomaly**  
2B3440

# Monochromacy



**Original Color**  
2E314B

**Achromatopsia**  
333333

**Achromatomaly**  
31323C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E314B 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 #2E314B looks like.

```
.text, #text, p{  
    color:#2E314B  
}
```

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 #2E314B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E314B
}
```

## Border

The CSS property to change the border of an element to Hex 2E314B 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
#2E314B }
```

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

```
.border{ border-color:#2E314B }
```

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

Here you see how a box with a 4 pixel #2E314B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E314B; -webkit-box-shadow:4px 4px  
4px 4px #2E314B; box-shadow:4px 4px 4px  
4px #2E314B }
```

# Background

The CSS property to change the background color of an element to Hex 2E314B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E314B }
```

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

```
.background{ background-color:#2E314B }
```

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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