

# Converting Colors

Hex(2E3D6B)

Have a look what the booklet for  
Hex(2E3D6B) contains.

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# Color

Hex(2E3D6B)

# Conversions

## Conversions Part 1

Format	Color
Hex	2E3D6B
RGB	46, 61, 107
RGB Percent	18%, 24%, 42%
CMY	0.8196, 0.7608, 0.5804
CMYK	0.57, 0.43, 0.00, 0.58
HSL	225°, 40%, 30%
HSV	225°, 57%, 42%
XYZ	5.4493, 4.9799, 14.5839
YIQ	61.7590, -23.7060, 11.1260

# Conversions

## Conversions Part 2

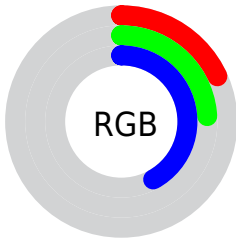
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 58, 107
Decimal	3030379
CIE Lab	26.68, 8.84, -28.75
CIE LCh	27, 30.078, 287.101
Yxy	4.9799, 0.2179, 0.1991
Android (android.graphics.Color)	4281220459 (0xFF2E3D6B)
YUV	61.7590, 22.3038, -13.8206
Hunter-Lab	22.3156, 4.5360, -23.1269

# Details

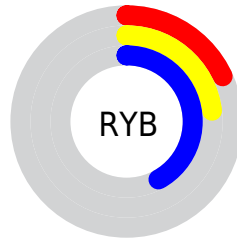
The Hex color **2E3D6B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6B5C2E**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **616C9F**, and **00133B** is the 20% darker color. If you saturate the color by 10%, you get **23356B**, and if you desaturate by 10%, it is **39456B**.

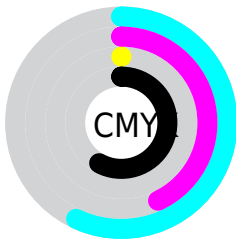
# Distribution



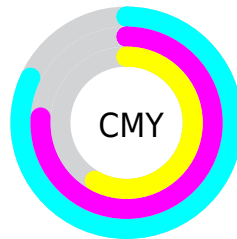
- Red (18%)
- Green (24%)
- Blue (42%)



- Red (18%)
- Yellow (23%)
- Blue (42%)



- Cyan (57%)
- Magenta (43%)
- Yellow (0%)
- Black (58%)



- Cyan (82%)
- Magenta (76%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E3D6B 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 2E3D6B by changing the saturation by 10% instead.



■ 2E3D6B

■ 2E3D6B

FFFFFF

■ 132753

■ 616C9F

■ 00133B

■ 7B85BA

■ 000225

■ 959FD6

■ 00010E

■ B1BAF2

■ 000000

■ CDD6FF

■ E9F2FF

■ 2E3D6B

■ 2E3D6B

■ 23356B

■ 39456B

■ 192D6B

■ 434D6B

■ 0E256B

■ 4E556B

■ 031D6B

■ 595D6B

■ 001A6B

■ 64656B

■ 6E6D6B

■ 79756B

■ 847E6B

■ 8E866B

# Harmonies

## Analogous

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



00446C



2E3D6B



51345F

# Triad

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



2E3D6B



63311E



004A34

# Complementary

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



2E3D6B



6B5C2E

# 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.



24471E



2E3D6B



543A10

# Square

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



2E3D6B



692B33



3F4210



004A4C

# Rectangle

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



2E3D6B



5F2E51



3F4210



04492C



# Sweetspot

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



2E3D6B



747A8C



2E6B5C



393D47



C7C7C7



474747



# Same Dimension

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



2E3D6B



2D448C



3D2E6B



303236



001D75



003CF5



# Inverse Universe

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



6B2E3D



8C2D44



5C6B2E



363032



75001D



F5003C



# Previews

## White Background



This preview shows how the Hex color 2E3D6B 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 2E3D6B Background



This preview shows how black text looks on a background with the Hex color 2E3D6B.



This preview shows how white text looks on a background with the Hex color 2E3D6B.

# 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](#).

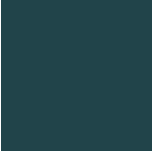
## Dichromacy



**Original Color**  
2E3D6B

**Protanopia**  
2B3E6B

**Deuteranopia**  
20406A



**Tritanopia**  
21444A

# Trichromacy



**Original Color**  
2E3D6B

**Protanomaly**  
2C3E6B

**Deuteranomaly**  
253F6A

**Tritanomaly**  
264156

# Monochromacy



**Original Color**  
2E3D6B

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
383E4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E3D6B 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 #2E3D6B looks like.

```
.text, #text, p{  
    color:#2E3D6B  
}
```

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 #2E3D6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E3D6B
}
```

## Border

The CSS property to change the border of an element to Hex 2E3D6B 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
#2E3D6B }
```

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

```
.border{ border-color:#2E3D6B }
```

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

Here you see how a box with a 4 pixel #2E3D6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E3D6B; -webkit-box-shadow:4px 4px  
4px 4px #2E3D6B; box-shadow:4px 4px 4px  
4px #2E3D6B }
```

# Background

The CSS property to change the background color of an element to Hex 2E3D6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E3D6B }
```

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

```
.background{ background-color:#2E3D6B }
```

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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