

# Converting Colors

Hex(323E6A)

Have a look what the booklet for  
Hex(323E6A) contains.

<b>Hex(323E6A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(323E6A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	323E6A
RGB	50, 62, 106
RGB Percent	20%, 24%, 42%
CMY	0.8039, 0.7569, 0.5843
CMYK	0.53, 0.42, 0.00, 0.58
HSL	227°, 36%, 31%
HSV	227°, 53%, 42%
XYZ	5.6395, 5.1640, 14.3352
YIQ	63.4280, -21.2760, 11.1400

# Conversions

## Conversions Part 2

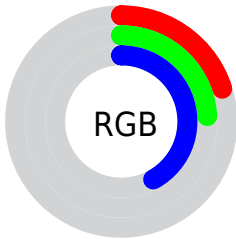
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	50, 60, 106
Decimal	3292778
CIE Lab	27.20, 8.82, -27.27
CIE LCh	27, 28.659, 287.931
Yxy	5.1640, 0.2243, 0.2054
Android (android.graphics.Color)	4281482858 (0xFF323E6A)
YUV	63.4280, 20.9880, -11.7764
Hunter-Lab	22.7244, 4.5310, -21.4948

# Details

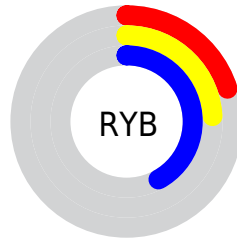
The Hex color **323E6A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6A5E32**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **646D9E**, and **00143A** is the 20% darker color. If you saturate the color by 10%, you get **27366A**, and if you desaturate by 10%, it is **3D466A**.

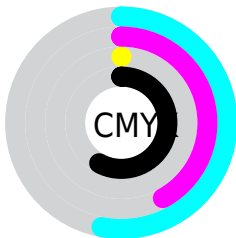
# Distribution



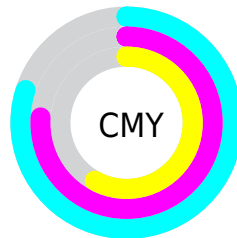
- Red (20%)
- Green (24%)
- Blue (42%)



- Red (20%)
- Yellow (24%)
- Blue (42%)



- Cyan (53%)
- Magenta (42%)
- Yellow (0%)
- Black (58%)



- Cyan (80%)
- Magenta (76%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 323E6A 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 323E6A by changing the saturation by 10% instead.



■ 323E6A

■ 323E6A

FFFFFF

■ 182852

■ 646D9E

■ 00143A

■ 7E87B9

■ 000224

■ 99A1D4

■ 00000C

■ B4BCF1

■ 000000

■ D0D7FF

■ EDF4FF

■ 323E6A

■ 323E6A

■ 27366A

■ 3D466A

■ 1D2D6A

■ 474F6A

■ 12256A

■ 52576A

■ 081D6A

■ 5C5F6A

■ 00176A

■ 67686A

■ 72706A

■ 7C786A

■ 87816A

■ 91896A

# Harmonies

## Analogous

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



00456B



323E6A



52355E

# Triad

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



323E6A



633420



004B36

# Complementary

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



323E6A



6A5E32

# 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.



264822



323E6A



543C14

# Square

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



323E6A



692E34



404314



004B4D

# Rectangle

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



323E6A



603051



404314



0B4A2F



# Sweetspot

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



323E6A



74788A



326A5E



383B45



C4C4C4



454545



# Same Dimension

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



323E6A



33468A



42326A



303136



001975



0034F5



# Inverse Universe

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



6A323E



8A3346



5A6A32



363031



750019



F50034



# Previews

## White Background



This preview shows how the Hex color 323E6A looks on a white background.

## Color Contrast Check

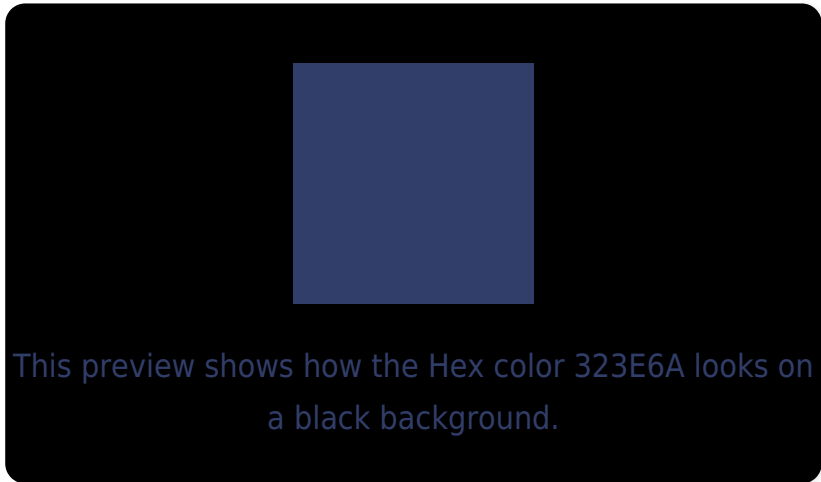
Large Text (above 18pt) WCAG AA ✓ Pass

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

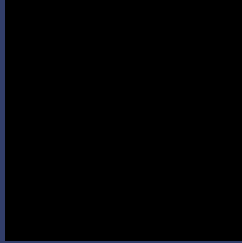
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 323E6A Background



This preview shows how black text looks on a background with the Hex color 323E6A.



This preview shows how white text looks on a background with the Hex color 323E6A.

# 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](#).

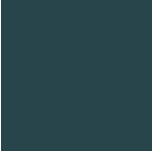
## Dichromacy



**Original Color**  
323E6A

**Protanopia**  
2E3F6B

**Deuteranopia**  
264169



**Tritanopia**  
27454A

# Trichromacy



**Original Color**

323E6A

**Protanomaly**

2F3F6B

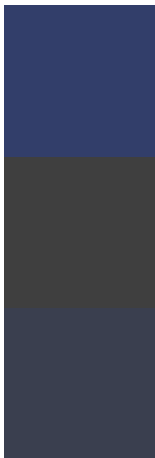
**Deuteranomaly**

2A4069

**Tritanomaly**

2B4256

# Monochromacy



**Original Color**

323E6A

**Achromatopsia**

3F3F3F

**Achromatomaly**

3A3F4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 323E6A 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 #323E6A looks like.

```
.text, #text, p{  
    color:#323E6A  
}
```

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 #323E6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #323E6A
}
```

## Border

The CSS property to change the border of an element to Hex 323E6A 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
#323E6A }
```

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

```
.border{ border-color:#323E6A }
```

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

Here you see how a box with a 4 pixel #323E6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #323E6A; -webkit-box-shadow:4px 4px  
4px 4px #323E6A; box-shadow:4px 4px 4px  
4px #323E6A }
```

# Background

The CSS property to change the background color of an element to Hex 323E6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#323E6A }
```

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

```
.background{ background-color:#323E6A }
```

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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