

Converting Colors

Hex(303E6A)

Have a look what the booklet for
Hex(303E6A) contains.

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Color

Hex(303E6A)

Conversions

Conversions Part 1

Format	Color
Hex	303E6A
RGB	48, 62, 106
RGB Percent	19%, 24%, 42%
CMY	0.8118, 0.7569, 0.5843
CMYK	0.55, 0.42, 0.00, 0.58
HSL	226°, 38%, 30%
HSV	226°, 55%, 42%
XYZ	5.5431, 5.1142, 14.3307
YIQ	62.8300, -22.4680, 10.7160

Conversions

Conversions Part 2

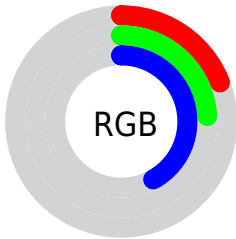
Format	Color
R_{YB}	48, 59, 106
Decimal	3161706
CIE _{Lab}	27.06, 8.30, -27.50
CIE _{LCh}	27, 28.723, 286.805
Yxy	5.1142, 0.2218, 0.2047
Android (android.graphics.Color)	4281351786 (0xFF303E6A)
YUV	62.8300, 21.2828, -13.0059
Hunter-Lab	22.6147, 4.1763, -21.7411

Details

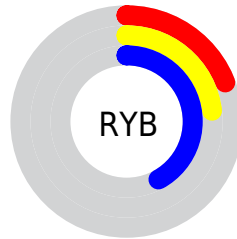
The Hex color **303E6A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6A5C30**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **626D9E**, and **00143A** is the 20% darker color. If you saturate the color by 10%, you get **25366A**, and if you desaturate by 10%, it is **3B466A**.

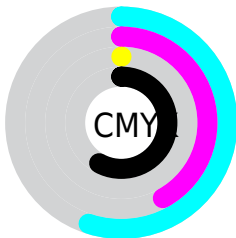
Distribution



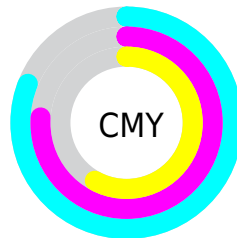
- Red (19%)
- Green (24%)
- Blue (42%)



- Red (19%)
- Yellow (23%)
- Blue (42%)



- Cyan (55%)
- Magenta (42%)
- Yellow (0%)
- Black (58%)



- Cyan (81%)
- Magenta (76%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 303E6A 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 303E6A by changing the saturation by 10% instead.

■ 303E6A

■ 303E6A

FFFFFF

■ 162852

■ 626D9E

■ 00143A

■ 7C86B9

■ 000224

■ 97A1D4

■ 00000C

■ B2BCF1

■ 000000

■ CED7FF

■ EBF4FF

■ 303E6A

■ 303E6A

■ 25366A

■ 3B466A

■ 1B2E6A

■ 454E6A

■ 10266A

■ 50566A

■ 061E6A

■ 5A5E6A

■ 001A6A

■ 65666A

■ 706E6A

■ 7A766A

■ 857E6A

■ 8F866A

Harmonies

Analogous

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



00456B



303E6A



51355E

Triad

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



303E6A



633321



004A35

Complementary

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



303E6A



6A5C30

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.



274821



303E6A



543B14

Square

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



303E6A



692D34



404313



004B4C

Rectangle

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



303E6A



5F3052



404313



0D4A2E

Sweetspot

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



303E6A



74798A



306A5C



383B45



C4C4C4



454545

Same Dimension

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



303E6A



2F458A



3F306A



303136



001C75



003BF5

Inverse Universe

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



6A303E



8A2F45



5C6A30



363031



75001C



F5003B

Previews

White Background



This preview shows how the Hex color 303E6A looks on a white background.

Color Contrast Check

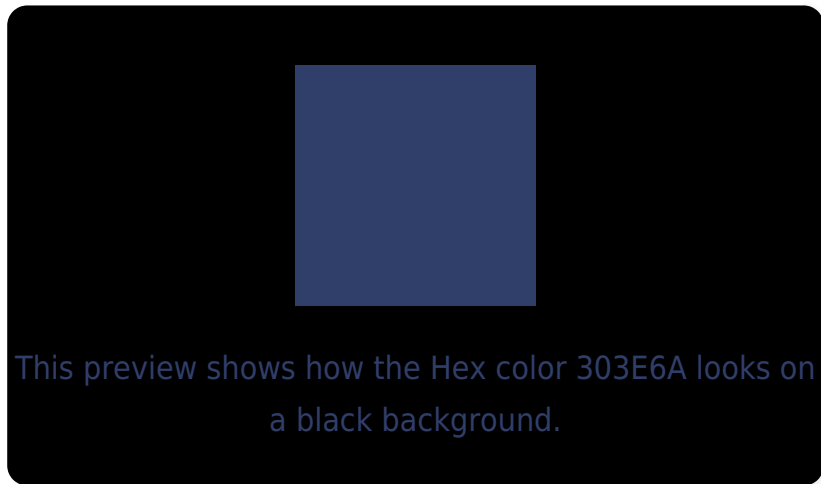
Large Text (above 18pt) WCAG AA ✓ Pass

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

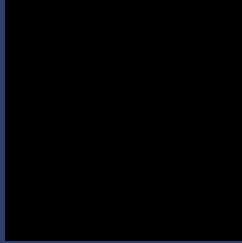
Any Text WCAG AA × Fail

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 303E6A Background



This preview shows how black text looks on a background with the Hex color 303E6A.



This preview shows how white text looks on a background with the Hex color 303E6A.

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](#).

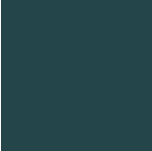
Dichromacy



Original Color
303E6A

Protanopia
2E3E6A

Deuteranopia
254069



Tritanopia
24454A

Trichromacy



Original Color
303E6A

Protanomaly
2F3E6A

Deuteranomaly
293F69

Tritanomaly
284256

Monochromacy



Original Color
303E6A

Achromatopsia
3F3F3F

Achromatomaly
3A3F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 303E6A 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 #303E6A looks like.

```
.text, #text, p{  
    color:#303E6A  
}
```

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 #303E6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #303E6A
}
```

Border

The CSS property to change the border of an element to Hex 303E6A 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".

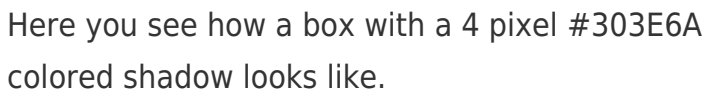
```
.border, #border, table{ border:4px solid
#303E6A }
```

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

```
.border{ border-color:#303E6A }
```

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

Here you see how a box with a 4 pixel #303E6A colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #303E6A; -webkit-box-shadow:4px 4px  
4px 4px #303E6A; box-shadow:4px 4px 4px  
4px #303E6A }
```

Background

The CSS property to change the background color of an element to Hex 303E6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#303E6A }
```

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

```
.background{ background-color:#303E6A }
```

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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