

Converting Colors

Hex(303F62)

Have a look what the booklet for
Hex(303F62) contains.

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Color

Hex(303F62)

Conversions

Conversions Part 1

Format	Color
Hex	303F62
RGB	48, 63, 98
RGB Percent	19%, 25%, 38%
CMY	0.8118, 0.7529, 0.6157
CMYK	0.51, 0.36, 0.00, 0.62
HSL	222°, 34%, 29%
HSV	222°, 51%, 38%
XYZ	5.2010, 5.0652, 12.2588
YIQ	62.5050, -20.1750, 7.7050

Conversions

Conversions Part 2

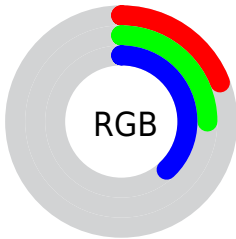
Format	Color
R_{YB}	48, 60, 98
Decimal	3161954
CIE Lab	26.92, 4.83, -22.57
CIE LCh	27, 23.084, 282.067
Yxy	5.0652, 0.2309, 0.2249
Android (android.graphics.Color)	4281352034 (0xFF303F62)
YUV	62.5050, 17.4990, -12.7209
Hunter-Lab	22.5061, 1.8648, -16.5404

Details

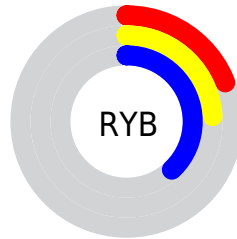
The Hex color **303F62** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **625330**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **616E95**, and **001533** is the 20% darker color. If you saturate the color by 10%, you get **263862**, and if you desaturate by 10%, it is **3A4662**.

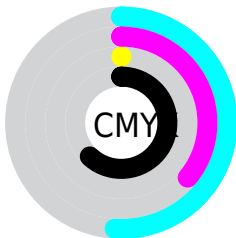
Distribution



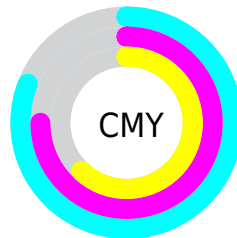
- Red (19%)
- Green (25%)
- Blue (38%)



- Red (19%)
- Yellow (24%)
- Blue (38%)



- Cyan (51%)
- Magenta (36%)
- Yellow (0%)
- Black (62%)



- Cyan (81%)
- Magenta (75%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 303F62 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 303F62 by changing the saturation by 10% instead.



303F62



303F62

FFFFFF



17294A



616E95



001533



7B88B0



00021E



95A2CB



000000



B0BDE7



CCD9FF



E9F5FF



303F62



303F62



263862



3A4662

■ 1C3162

■ 444D62

■ 132A62

■ 4D5462

■ 092462

■ 575A62

■ 001D62

■ 616162

■ 6B6862

■ 756F62

■ 7E7662

■ 887D62

Harmonies

Analogous

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



034461



303F62



4A385A

Triad

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



303F62



5E3529



174834

Complementary

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



303F62



625330

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.



304525



303F62



533B1E

Square

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



303F62



613139



44411C



004946

Rectangle

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



303F62



573450



44411C



21472E

Sweetspot

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



303F62



6C7280



306253



343840



BFBFBF



404040

Same Dimension

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



303F62



324980



3A3062



2C2D30



002270



0048F0

Inverse Universe

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



62303F



803249



586230



302C2D



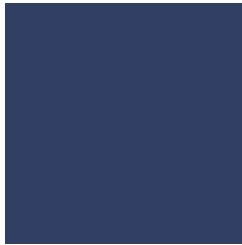
700022



F00048

Previews

White Background



This preview shows how the Hex color 303F62 looks on a white background.

Color Contrast Check

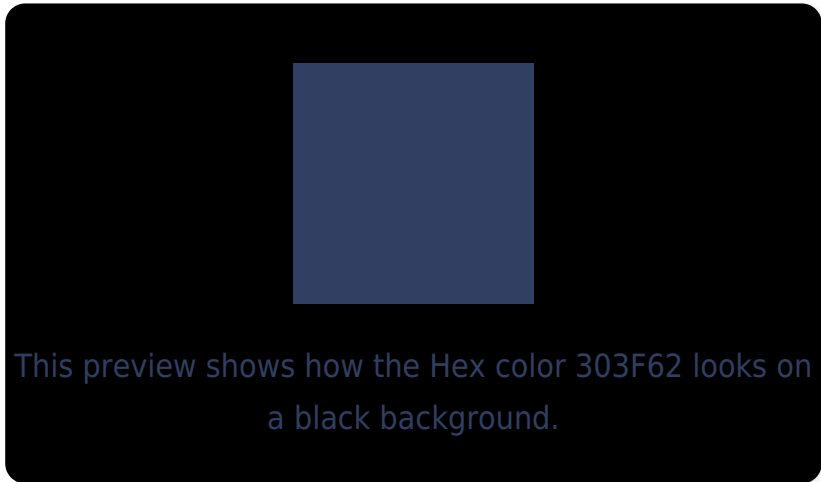
Large Text (above 18pt) WCAG AA ✓ Pass

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

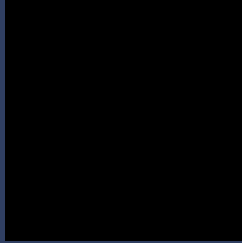
Any Text WCAG AA × Fail

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 303F62 Background



This preview shows how black text looks on a background with the Hex color 303F62.

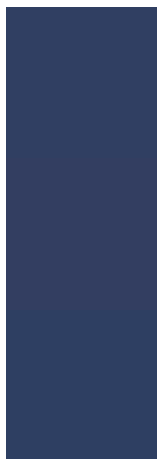


This preview shows how white text looks on a background with the Hex color 303F62.

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](#).

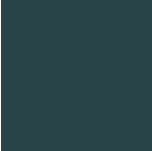
Dichromacy



Original Color
303F62

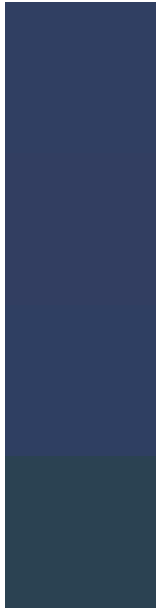
Protanopia
333E61

Deuteranopia
2E3F62



Tritanopia
284449

Trichromacy



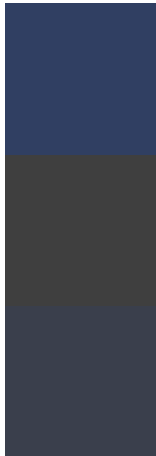
Original Color
303F62

Protanomaly
323E61

Deuteranomaly
2F3F62

Tritanomaly
2B4252

Monochromacy



Original Color
303F62

Achromatopsia
3F3F3F

Achromatomaly
3A3F4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 303F62 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 #303F62 looks like.

```
.text, #text, p{  
    color:#303F62  
}
```

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 #303F62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #303F62  
}
```

Border

The CSS property to change the border of an element to Hex 303F62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

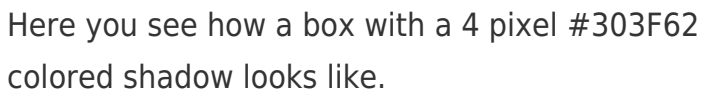
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#303F62 }
```

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

```
.border{ border-color:#303F62 }
```

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



Here you see how a box with a 4 pixel #303F62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #303F62; -webkit-box-shadow:4px 4px  
4px 4px #303F62; box-shadow:4px 4px 4px  
4px #303F62 }
```

Background

The CSS property to change the background color of an element to Hex 303F62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#303F62 }
```

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

```
.background{ background-color:#303F62 }
```

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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