

Converting Colors

Hex(303157)

Have a look what the booklet for
Hex(303157) contains.

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Color

Hex(303157)

Conversions

Conversions Part 1

Format	Color
Hex	303157
RGB	48, 49, 87
RGB Percent	19%, 19%, 34%
CMY	0.8118, 0.8078, 0.6588
CMYK	0.45, 0.44, 0.00, 0.66
HSL	238°, 29%, 26%
HSV	238°, 45%, 34%
XYZ	4.0375, 3.5131, 9.4821
YIQ	53.0330, -12.7940, 11.6060

Conversions

Conversions Part 2

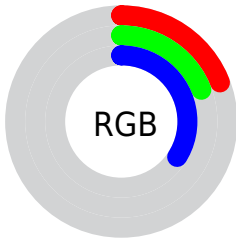
Format	Color
R_{YB}	48, 49, 87
Decimal	3158359
CIE _{Lab}	21.99, 10.70, -23.15
CIE _{LCh}	22, 25.502, 294.815
Yxy	3.5131, 0.2370, 0.2063
Android (android.graphics.Color)	4281348439 (0xFF303157)
YUV	53.0330, 16.7457, -4.4139
Hunter-Lab	18.7433, 5.6502, -16.8741

Details

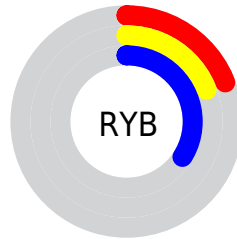
The Hex color **303157** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **575630**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **605F89**, and **04022A** is the 20% darker color. If you saturate the color by 10%, you get **272957**, and if you desaturate by 10%, it is **393957**.

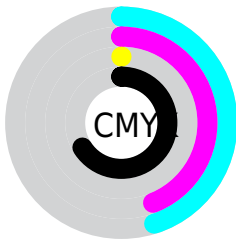
Distribution



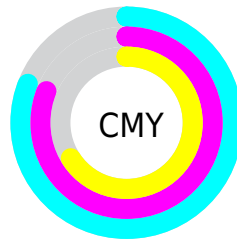
- Red (19%)
- Green (19%)
- Blue (34%)



- Red (19%)
- Yellow (19%)
- Blue (34%)



- Cyan (45%)
- Magenta (44%)
- Yellow (0%)
- Black (66%)



- Cyan (81%)
- Magenta (81%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 303157 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 303157 by changing the saturation by 10% instead.

■ 303157

■ 303157

FFFFFF

■ 191C3F

■ 605F89

■ 04022A

■ 7A78A3

■ 000114

■ 9491BF

■ 000000

■ AFACDB

■ CAC7F7

■ E7E3FF

■ 303157

■ 303157

■ 272957

■ 393957

■ 1F2057

■ 414257

■ 161857

■ 4A4A57

■ 0D0F57

■ 535357

■ 040757

■ 5C5B57

■ 000257

■ 646457

■ 6D6C57

■ 767557

■ 7E7D57

Harmonies

Analogous

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



00385A



303157



49294B

Triad

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



303157



502B16



003E31

Complementary

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



303157



575630

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.



183C1E



303157



42330D

Square

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



303157



572526



303810



003E44

Rectangle

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



303157



52253F



303810



003D2A

Sweetspot

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



303157



626270



305756



2F2F38



B8B8B8



383838

Same Dimension

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



303157



343570



423057



27272B



00036B



0006EB

Inverse Universe

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



573031



703435



455730



2B2727



6B0003



EB0006

Previews

White Background



This preview shows how the Hex color 303157 looks on a white background.

Color Contrast Check

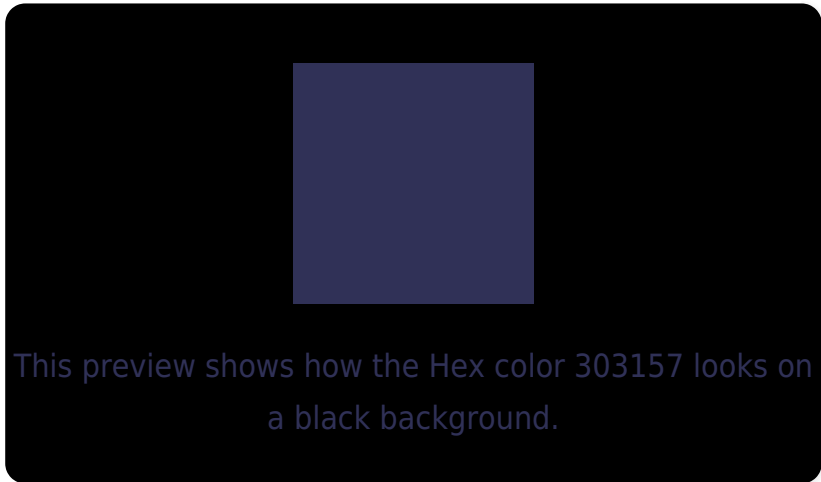
Large Text (above 18pt) WCAG AA ✓ Pass

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

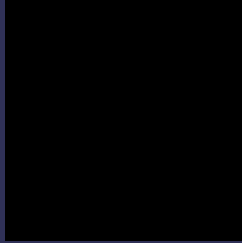
Any Text WCAG AA × Fail

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 303157 Background



This preview shows how black text looks on a background with the Hex color 303157.



This preview shows how white text looks on a background with the Hex color 303157.

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
303157

Protanopia
253359

Deuteranopia
203556



Tritanopia
29373C

Trichromacy



Original Color
303157

Protanomaly
293258

Deuteranomaly
263456

Tritanomaly
2C3546

Monochromacy



Original Color
303157

Achromatopsia
353535

Achromatomaly
333441

CSS Examples

Text

The CSS property to change the color of the text to Hex 303157 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 #303157 looks like.

```
.text, #text, p{  
    color:#303157  
}
```

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 #303157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #303157  
}
```

Border

The CSS property to change the border of an element to Hex 303157 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  
#303157 }
```

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

```
.border{ border-color:#303157 }
```

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

Here you see how a box with a 4 pixel #303157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #303157; -webkit-box-shadow:4px 4px  
4px 4px #303157; box-shadow:4px 4px 4px  
4px #303157 }
```

Background

The CSS property to change the background color of an element to Hex 303157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#303157 }
```

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

```
.background{ background-color:#303157 }
```

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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