

Converting Colors

Hex(313862)

Have a look what the booklet for
Hex(313862) contains.

Hex(313862)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(313862)

Conversions

Conversions Part 1

Format	Color
Hex	313862
RGB	49, 56, 98
RGB Percent	19%, 22%, 38%
CMY	0.8078, 0.7804, 0.6157
CMYK	0.50, 0.43, 0.00, 0.62
HSL	231°, 33%, 29%
HSV	231°, 50%, 38%
XYZ	4.8854, 4.3632, 12.1400
YIQ	58.6950, -17.6540, 11.5780

Conversions

Conversions Part 2

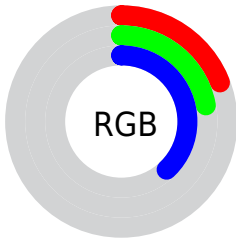
Format	Color
R_{YB}	49, 55, 98
Decimal	3225698
CIE Lab	24.84, 9.88, -25.85
CIE LCh	25, 27.676, 290.919
Yxy	4.3632, 0.2284, 0.2040
Android (android.graphics.Color)	4281415778 (0xFF313862)
YUV	58.6950, 19.3774, -8.5025
Hunter-Lab	20.8882, 5.1939, -19.8369

Details

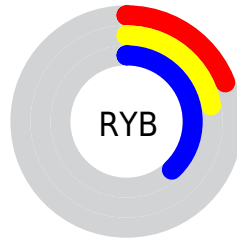
The Hex color **313862** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **625B31**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **626795**, and **000D33** is the 20% darker color. If you saturate the color by 10%, you get **273062**, and if you desaturate by 10%, it is **3B4062**.

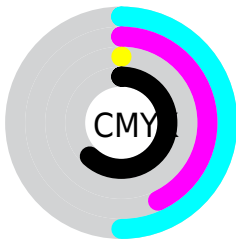
Distribution



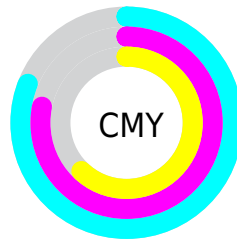
- Red (19%)
- Green (22%)
- Blue (38%)



- Red (19%)
- Yellow (22%)
- Blue (38%)



- Cyan (50%)
- Magenta (43%)
- Yellow (0%)
- Black (62%)



- Cyan (81%)
- Magenta (78%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313862 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 313862 by changing the saturation by 10% instead.

■ 313862

■ 313862

FFFFFF

■ 18234A

■ 626795

■ 000D33

■ 7C80B0

■ 00021E

■ 979ACB

■ 000000

■ B2B4E8

■ CED0FF

■ EAECFF

■ 313862

■ 313862

■ 273062

■ 3B4062

■ 1D2762

■ 454962

■ 141F62

■ 4E5162

■ 0A1662

■ 585A62

■ 000E62

■ 626262

■ 6C6A62

■ 767362

■ 7F7B62

■ 898462

Harmonies

Analogous

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



003F64



313862



4E2F55

Triad

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



313862



5A301B



004534

Complementary

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



313862



625B31

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.



1F431F



313862



4C3810

Square

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



313862



61292D



383E11



004549

Rectangle

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



313862



5A2B49



383E11



01442D

Sweetspot

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



313862



6C6F80



31625B



343640



BFBFBF



404040

Same Dimension

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



313862



333E80



423162



2C2C30



001070



0022F0

Inverse Universe

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



623138



80333E



516231



302C2C



700010



F00022

Previews

White Background



This preview shows how the Hex color 313862 looks on a white background.

Color Contrast Check

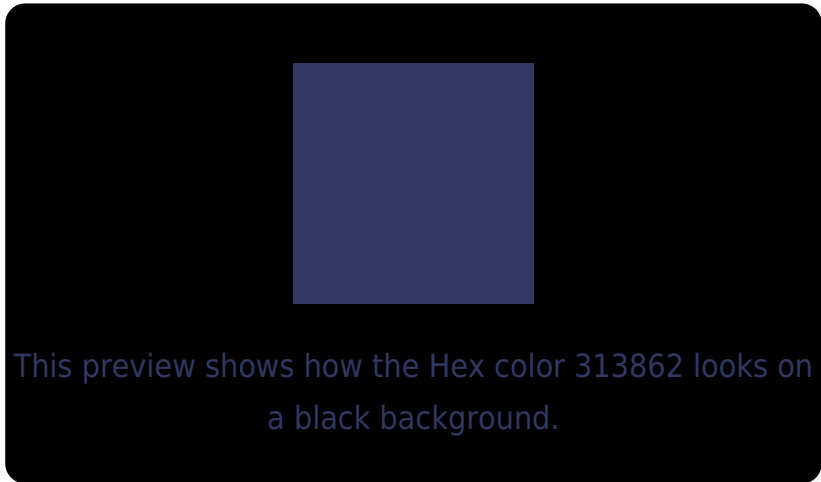
Large Text (above 18pt) WCAG AA ✓ Pass

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

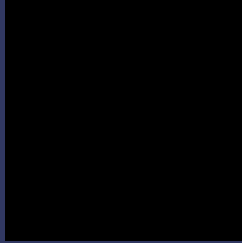
Any Text WCAG AA × Fail

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 313862 Background



This preview shows how black text looks on a background with the Hex color 313862.



This preview shows how white text looks on a background with the Hex color 313862.

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
313862

Protanopia
293A63

Deuteranopia
223B61



Tritanopia
283F44

Trichromacy



Original Color
313862

Protanomaly
2C3963

Deuteranomaly
273A61

Tritanomaly
2B3C4F

Monochromacy



Original Color
313862

Achromatopsia
3B3B3B

Achromatomaly
373A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 313862 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 #313862 looks like.

```
.text, #text, p{  
    color:#313862  
}
```

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 #313862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313862
}
```

Border

The CSS property to change the border of an element to Hex 313862 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
#313862 }
```

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

```
.border{ border-color:#313862 }
```

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

Here you see how a box with a 4 pixel #313862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313862; -webkit-box-shadow:4px 4px  
4px 4px #313862; box-shadow:4px 4px 4px  
4px #313862 }
```

Background

The CSS property to change the background color of an element to Hex 313862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313862 }
```

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

```
.background{ background-color:#313862 }
```

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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