

Converting Colors

Hex(313245)

Have a look what the booklet for
Hex(313245) contains.

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Color

Hex(313245)

Conversions

Conversions Part 1

Format	Color
Hex	313245
RGB	49, 50, 69
RGB Percent	19%, 20%, 27%
CMY	0.8078, 0.8039, 0.7294
CMYK	0.29, 0.28, 0.00, 0.73
HSL	237°, 17%, 23%
HSV	237°, 29%, 27%
XYZ	3.4814, 3.3638, 6.0960
YIQ	51.8670, -6.6950, 5.6970

Conversions

Conversions Part 2

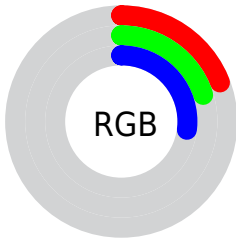
Format	Color
R_{YB}	49, 50, 69
Decimal	3224133
CIE _{Lab}	21.45, 4.65, -11.95
CIE _{LCh}	21, 12.821, 291.250
Yxy	3.3638, 0.2690, 0.2599
Android (android.graphics.Color)	4281414213 (0xFF313245)
YUV	51.8670, 8.4466, -2.5144
Hunter-Lab	18.3408, 1.7861, -6.8680

Details

The Hex color **313245** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **454431**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **606075**, and **04031A** is the 20% darker color. If you saturate the color by 10%, you get **2A2B45**, and if you desaturate by 10%, it is **383945**.

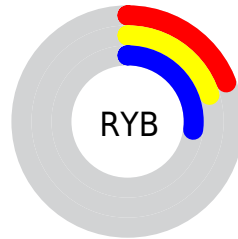
Distribution



Red (19%)

Green (20%)

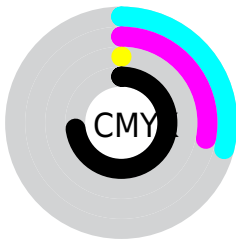
Blue (27%)



Red (19%)

Yellow (20%)

Blue (27%)

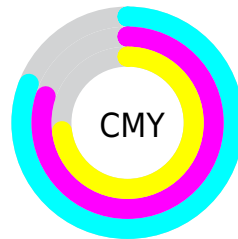


Cyan (29%)

Magenta (28%)

Yellow (0%)

Black (73%)



Cyan (81%)

Magenta (80%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313245 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 313245 by changing the saturation by 10% instead.

■ 313245

■ 313245

FFFFFF

■ 1C1D2F

■ 606075

■ 04031A

■ 79798F

■ 000000

■ 9293A9

■ ADADC5

■ C8C8E1

■ E5E5FD

■ 313245

■ 313245

■ 2A2B45

■ 383945

■ 232545

■ 3F3F45

■ 1C1E45

■ 464645

■ 151845

■ 4D4C45

■ 0F1145

■ 545345

■ 080B45

■ 5A5945

■ 010445

■ 616045

■ 000345

■ 686645

■ 6F6D45

Harmonies

Analogous

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



233546



313245



3D2F3F

Triad

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



313245



442F25



1E3930

Complementary

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



313245



454431

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.



283727



313245



3D3221

Square

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



313245



462D2D



333522



16393A

Rectangle

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



313245



422D3A



333522



21382D

Sweetspot

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



313245



515259



314544



29292E



ADADAD



2E2E2E

Same Dimension

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



313245



3A3C59



3A3145



202024



000563



000BE3

Inverse Universe

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



453132



593A3C



3C4531



242020



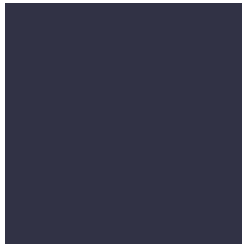
630005



E3000B

Previews

White Background



This preview shows how the Hex color 313245 looks on a white background.

Color Contrast Check

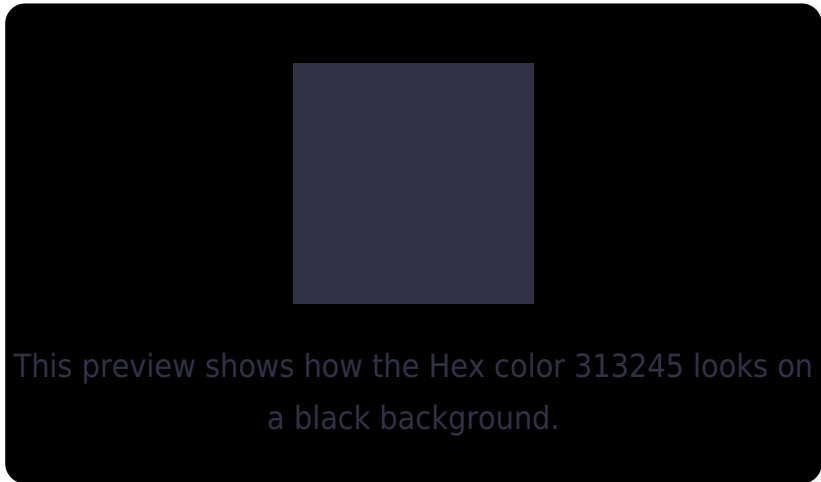
Large Text (above 18pt) WCAG AA ✓ Pass

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

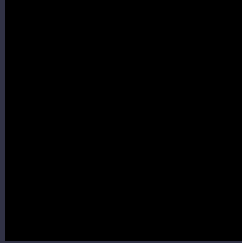
Any Text WCAG AA × Fail

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 313245 Background



This preview shows how black text looks on a background with the Hex color 313245.

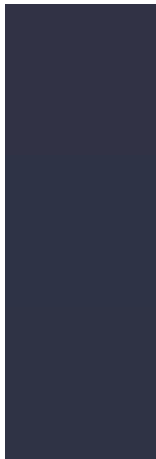


This preview shows how white text looks on a background with the Hex color 313245.

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](#).

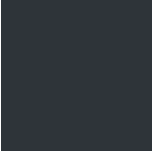
Dichromacy



Original Color
313245

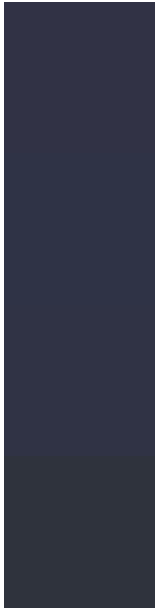
Protanopia
2E3346

Deuteranopia
2F3345



Tritanopia
2E3439

Trichromacy



Original Color
313245

Protanomaly
2F3346

Deuteranomaly
303345

Tritanomaly
2F333D

Monochromacy



Original Color
313245

Achromatopsia
343434

Achromatomaly
33333A

CSS Examples

Text

The CSS property to change the color of the text to Hex 313245 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 #313245 looks like.

```
.text, #text, p{  
    color:#313245  
}
```

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 #313245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313245
}
```

Border

The CSS property to change the border of an element to Hex 313245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

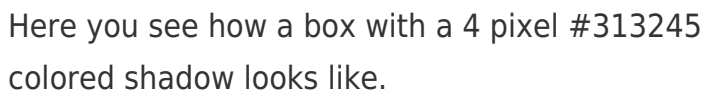
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#313245 }
```

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

```
.border{ border-color:#313245 }
```

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



Here you see how a box with a 4 pixel #313245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313245; -webkit-box-shadow:4px 4px  
4px 4px #313245; box-shadow:4px 4px 4px  
4px #313245 }
```

Background

The CSS property to change the background color of an element to Hex 313245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313245 }
```

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

```
.background{ background-color:#313245 }
```

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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