

Converting Colors

Hex(314545)

Have a look what the booklet for
Hex(314545) contains.

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Color

Hex(314545)

Conversions

Conversions Part 1

Format	Color
Hex	314545
RGB	49, 69, 69
RGB Percent	19%, 27%, 27%
CMY	0.8078, 0.7294, 0.7294
CMYK	0.29, 0.00, 0.00, 0.73
HSL	180°, 17%, 23%
HSV	180°, 29%, 27%
XYZ	4.4689, 5.3389, 6.4252
YIQ	63.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

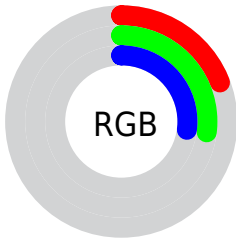
Format	Color
R_{YB}	49, 59, 69
Decimal	3228997
CIE _{Lab}	27.68, -7.81, -2.56
CIE _{LCh}	28, 8.216, 198.122
Yxy	5.3389, 0.2753, 0.3289
Android (android.graphics.Color)	4281419077 (0xFF314545)
YUV	63.0200, 2.9481, -12.2955
Hunter-Lab	23.1060, -5.9120, -0.3128

Details

The Hex color **314545** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **453131**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **607575**, and **051A1A** is the 20% darker color. If you saturate the color by 10%, you get **2A4545**, and if you desaturate by 10%, it is **384545**.

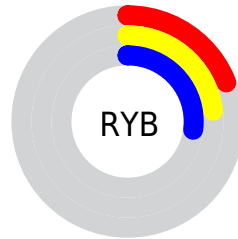
Distribution



 Red (19%)

 Green (27%)

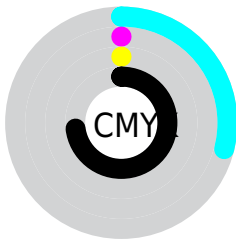
 Blue (27%)



 Red (19%)

 Yellow (23%)

 Blue (27%)

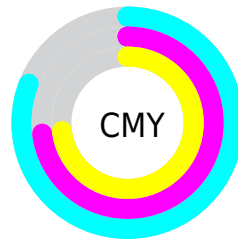


 Cyan (29%)

 Magenta (0%)

 Yellow (0%)

 Black (73%)



 Cyan (81%)

 Magenta (73%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 314545 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 314545 by changing the saturation by 10% instead.

■ 314545

■ 314545

FFFFFF

■ 1B2F2F

■ 607575

■ 051A1A

■ 798F8F

■ 000000

■ 93A9A9

■ AEC5C4

■ C9E1E0

■ E5DFDF

■ 314545

■ 314545

■ 2A4545

■ 384545

■ 234545

■ 3F4545

■ 1C4545

■ 464545

■ 154545

■ 4D4545

■ 0F4545

■ 544545

■ 084545

■ 5A4545

■ 014545

■ 614545

■ 004545

■ 684545

■ 6F4545

Harmonies

Analogous

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



35453F



314545



32444A

Triad

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



314545



473F4A



494035

Complementary

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



314545



453131

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.



4D3E38



314545



4D3D44

Square

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



314545



3F414D



4F3D3E



424235

Rectangle

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



314545



35434D



4F3D3E



4B3F36

Sweetspot

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



314545



515959



314531



292E2E



ADADAD



2E2E2E

Same Dimension

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



314545



3A5959



313B45



202424



006363



00E3E3

Inverse Universe

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



453145



593A59



453B31



242024



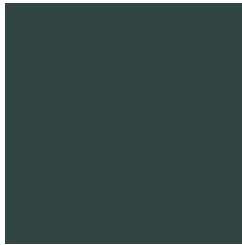
630063



E300E3

Previews

White Background



This preview shows how the Hex color 314545 looks on a white background.

Color Contrast Check

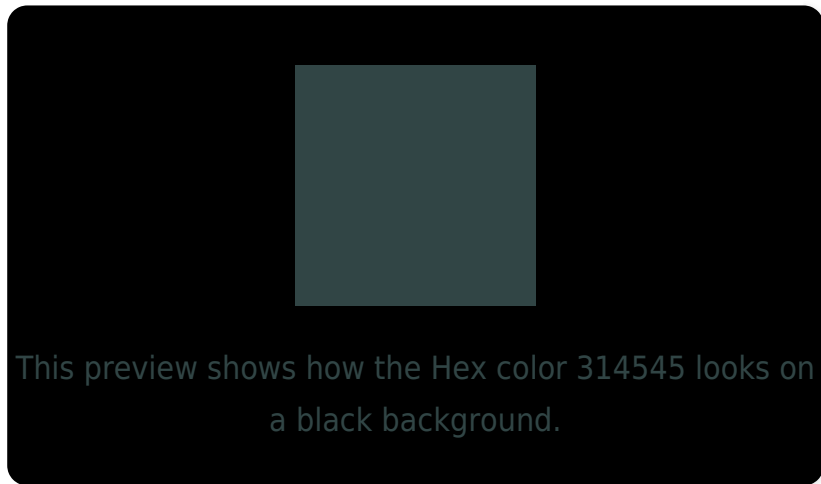
Large Text (above 18pt) WCAG AA ✓ Pass

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 314545 Background



This preview shows how black text looks on a background with the Hex color 314545.



This preview shows how white text looks on a background with the Hex color 314545.

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](#).

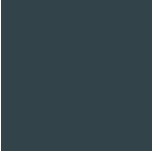
Dichromacy



Original Color
314545

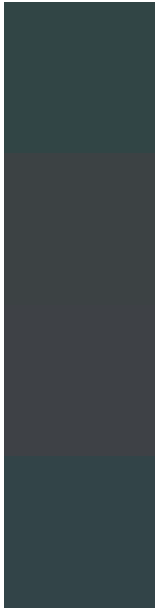
Protanopia
424143

Deuteranopia
453F46



Tritanopia
32444A

Trichromacy



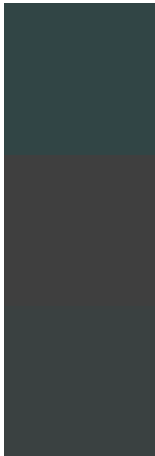
Original Color
314545

Protanomaly
3C4244

Deuteranomaly
3E4146

Tritanomaly
324448

Monochromacy



Original Color
314545

Achromatopsia
3F3F3F

Achromatomaly
3A4141

CSS Examples

Text

The CSS property to change the color of the text to Hex 314545 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 #314545 looks like.

```
.text, #text, p{  
    color:#314545  
}
```

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 #314545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314545
}
```

Border

The CSS property to change the border of an element to Hex 314545 is called "border". The border property can be set on classes, ids or directly on the HTML element.

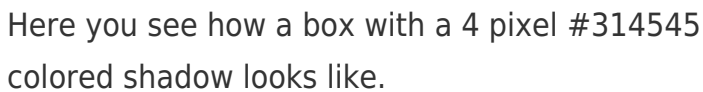
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#314545 }
```

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

```
.border{ border-color:#314545 }
```

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



Here you see how a box with a 4 pixel #314545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314545; -webkit-box-shadow:4px 4px  
4px 4px #314545; box-shadow:4px 4px 4px  
4px #314545 }
```

Background

The CSS property to change the background color of an element to Hex 314545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314545 }
```

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

```
.background{ background-color:#314545 }
```

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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