

Converting Colors

Hex(304270)

Have a look what the booklet for
Hex(304270) contains.

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Color

Hex(304270)

Conversions

Conversions Part 1

Format	Color
Hex	304270
RGB	48, 66, 112
RGB Percent	19%, 26%, 44%
CMY	0.8118, 0.7412, 0.5608
CMYK	0.57, 0.41, 0.00, 0.56
HSL	223°, 40%, 31%
HSV	223°, 57%, 44%
XYZ	6.0918, 5.6947, 16.1073
YIQ	65.8620, -25.4940, 10.4900

Conversions

Conversions Part 2

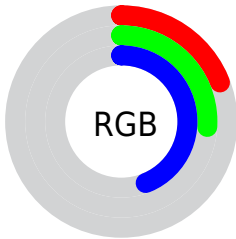
Format	Color
R_{YB}	48, 62, 112
Decimal	3162736
CIE Lab	28.63, 7.73, -28.83
CIE LCh	29, 29.848, 285.012
Yxy	5.6947, 0.2184, 0.2042
Android (android.graphics.Color)	4281352816 (0xFF304270)
YUV	65.8620, 22.7460, -15.6650
Hunter-Lab	23.8635, 3.8056, -23.3150




Details

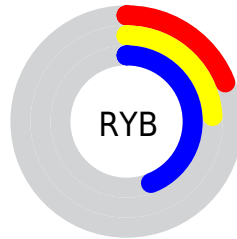
The Hex color **304270** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **705E30**, and the grayscale version is **424242**.




A 20% lighter version of the original color is **6372A4**, and **001840** is the 20% darker color. If you saturate the color by 10%, you get **253A70**, and if you desaturate by 10%, it is **3B4A70**.

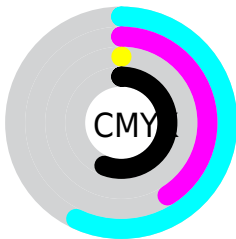
Distribution







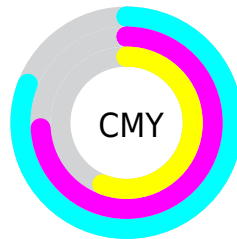
-  Red (19%)
-  Green (26%)
-  Blue (44%)






-  Red (19%)
-  Yellow (24%)
-  Blue (44%)



-  Cyan (57%)
-  Magenta (41%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (81%)
-  Magenta (74%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304270 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 304270 by changing the saturation by 10% instead.

■ 304270

■ 304270

FFFFFF

■ 152C57

■ 6372A4

■ 001840

■ 7D8BBF

■ 00022A

■ 98A5DB

■ 000114

■ B4C0F8

■ 000000

■ D0DCFF

■ ECF9FF

■ 304270

■ 304270

■ 253A70

■ 3B4A70

■ 1A3270

■ 465270

■ 0E2A70

■ 525A70

■ 032270

■ 5D6270

■ 002070

■ 686A70

■ 737270

■ 7E7A70

■ 8A8270

■ 958A70

Harmonies

Analogous

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



004970



304270



543964

Triad

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



304270



693524



004E37

Complementary

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



304270



705E30

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.



2B4B21



304270



5A3E16

Square

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



304270



6E2F39



454614



004F4F

Rectangle

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



304270



633357



454614



114D2F

Sweetspot

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



304270



798091



30705E



3B3F4A



C9C9C9



4A4A4A

Same Dimension

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



304270



2D4991



3E3070



323438



002278



0046F7

Inverse Universe

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



703042



912D49



627030



383234



780022



F70046

Previews

White Background



This preview shows how the Hex color 304270 looks on a white background.

Color Contrast Check

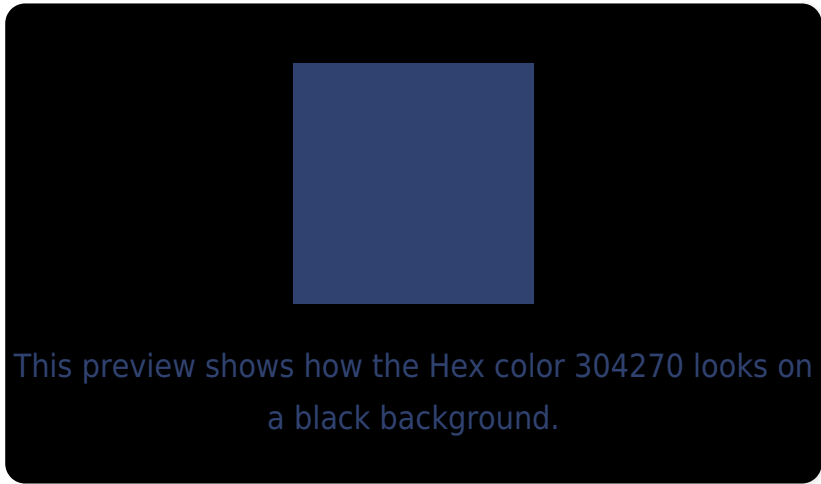
Large Text (above 18pt) WCAG AA ✓ Pass

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

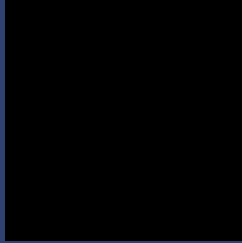
Any Text WCAG AA × Fail

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 304270 Background



This preview shows how black text looks on a background with the Hex color 304270.



This preview shows how white text looks on a background with the Hex color 304270.

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](#).

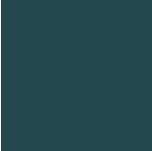
Dichromacy



Original Color
304270

Protanopia
314270

Deuteranopia
274470



Tritanopia
23494F

Trichromacy



Original Color
304270

Protanomaly
314270

Deuteranomaly
2A4370

Tritanomaly
28465B

Monochromacy



Original Color
304270

Achromatopsia
424242

Achromatomaly
3B4253

CSS Examples

Text

The CSS property to change the color of the text to Hex 304270 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 #304270 looks like.

```
.text, #text, p{  
    color:#304270  
}
```

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 #304270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304270
}
```

Border

The CSS property to change the border of an element to Hex 304270 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
#304270 }
```

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

```
.border{ border-color:#304270 }
```

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

Here you see how a box with a 4 pixel #304270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304270; -webkit-box-shadow:4px 4px  
4px 4px #304270; box-shadow:4px 4px 4px  
4px #304270 }
```

Background

The CSS property to change the background color of an element to Hex 304270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304270 }
```

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

```
.background{ background-color:#304270 }
```

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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