

Converting Colors

Hex(304040)

Have a look what the booklet for
Hex(304040) contains.

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Color

Hex(304040)

Conversions

Conversions Part 1

Format	Color
Hex	304040
RGB	48, 64, 64
RGB Percent	19%, 25%, 25%
CMY	0.8118, 0.7490, 0.7490
CMYK	0.25, 0.00, 0.00, 0.75
HSL	180°, 14%, 22%
HSV	180°, 25%, 25%
XYZ	3.9777, 4.6653, 5.5413
YIQ	59.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

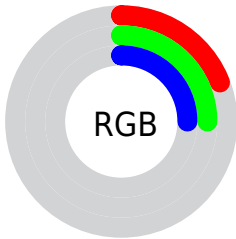
Format	Color
R_{YB}	48, 56, 64
Decimal	3162176
CIE Lab	25.76, -6.40, -2.12
CIE LCh	26, 6.743, 198.304
Yxy	4.6653, 0.2804, 0.3289
Android (android.graphics.Color)	4281352256 (0xFF304040)
YUV	59.2160, 2.3585, -9.8364
Hunter-Lab	21.5994, -4.9264, -0.0913

Details

The Hex color **304040** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **403030**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5F7070**, and **021616** is the 20% darker color. If you saturate the color by 10%, you get **2A4040**, and if you desaturate by 10%, it is **364040**.

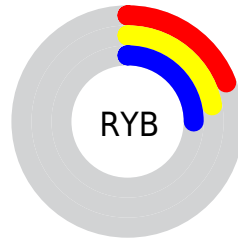
Distribution



Red (19%)

Green (25%)

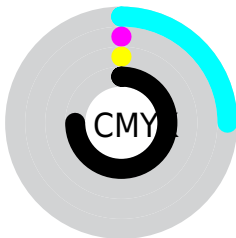
Blue (25%)



Red (19%)

Yellow (22%)

Blue (25%)

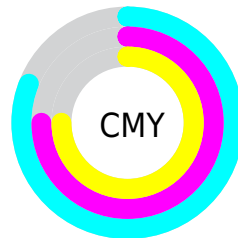


Cyan (25%)

Magenta (0%)

Yellow (0%)

Black (75%)



Cyan (81%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304040 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 304040 by changing the saturation by 10% instead.

■ 304040

■ 304040

FFFFFF

■ 1B2A2A

■ 5F7070

■ 021616

■ 778989

■ 000000

■ 91A3A3

■ ACBEBE

■ C7DADA

■ E3F7F7

■ 304040

■ 304040

■ 2A4040

■ 364040

■ 234040

■ 3D4040

■ 1D4040

■ 434040

■ 164040

■ 4A4040

■ 104040

■ 504040

■ 0A4040

■ 564040

■ 034040

■ 5D4040

■ 004040

■ 634040

■ 6A4040

Harmonies

Analogous

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



33403B



304040



313F44

Triad

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



304040



423B44



433C33

Complementary

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



304040



403030

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.



473A36



304040



463A3F

Square

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



304040



3B3C47



483A3A



3E3E33

Rectangle

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



304040



333F46



483A3A



453B34

Sweetspot

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



304040



4D5454



304030



272B2B



ABABAB



2B2B2B

Same Dimension

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



304040



3B5454



303840



1E2121



006161



00E0E0

Inverse Universe

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



403040



543B54



403830



211E21



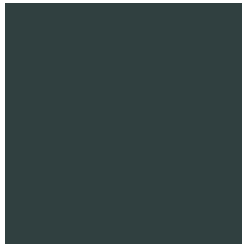
610061



E000E0

Previews

White Background



This preview shows how the Hex color 304040 looks on a white background.

Color Contrast Check

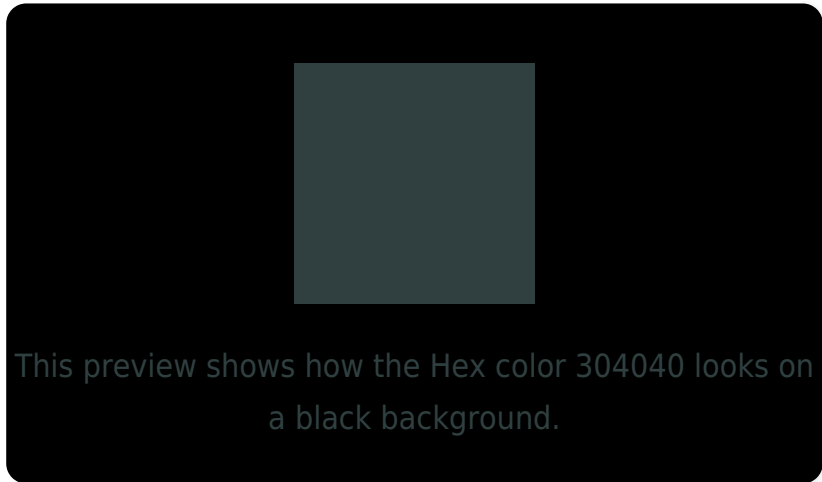
Large Text (above 18pt) WCAG AA ✓ Pass

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

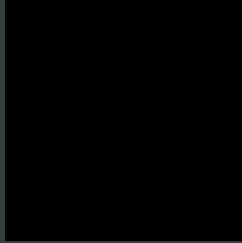
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

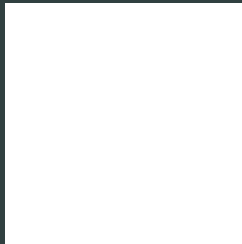
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 304040 Background



This preview shows how black text looks on a background with the Hex color 304040.



This preview shows how white text looks on a background with the Hex color 304040.

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
304040

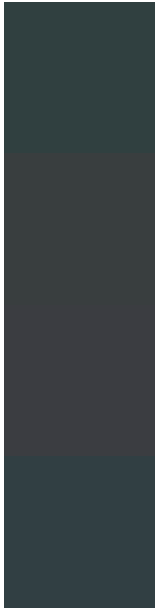
Protanopia
3E3D3E

Deuteranopia
413B41



Tritanopia
313F44

Trichromacy



Original Color

304040

Protanomaly

393E3F

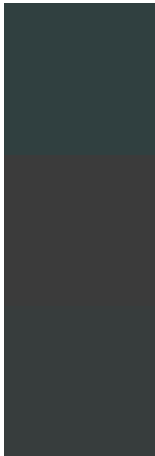
Deuteranomaly

3B3D41

Tritanomaly

313F43

Monochromacy



Original Color

304040

Achromatopsia

3B3B3B

Achromatomaly

373D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 304040 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 #304040 looks like.

```
.text, #text, p{  
    color:#304040  
}
```

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 #304040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304040
}
```

Border

The CSS property to change the border of an element to Hex 304040 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
#304040 }
```

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

```
.border{ border-color:#304040 }
```

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

Here you see how a box with a 4 pixel #304040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304040; -webkit-box-shadow:4px 4px  
4px 4px #304040; box-shadow:4px 4px 4px  
4px #304040 }
```

Background

The CSS property to change the background color of an element to Hex 304040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304040 }
```

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

```
.background{ background-color:#304040 }
```

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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