

Converting Colors

Hex(304F45)

Have a look what the booklet for
Hex(304F45) contains.

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Color

Hex(304F45)

Conversions

Conversions Part 1

Format	Color
Hex	304F45
RGB	48, 79, 69
RGB Percent	19%, 31%, 27%
CMY	0.8118, 0.6902, 0.7294
CMYK	0.39, 0.00, 0.13, 0.69
HSL	161°, 24%, 25%
HSV	161°, 39%, 31%
XYZ	5.0891, 6.6500, 6.6456
YIQ	68.5910, -15.2660, -9.6820

Conversions

Conversions Part 2

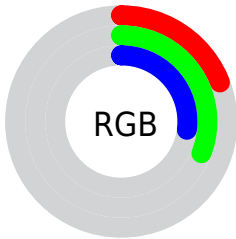
Format	Color
R_YB	48, 66, 79
Decimal	3166021
CIE Lab	31.00, -14.12, 2.28
CIE LCh	31, 14.301, 170.811
Yxy	6.6500, 0.2768, 0.3617
Android (android.graphics.Color)	4281356101 (0xFF304F45)
YUV	68.5910, 0.2016, -18.0583
Hunter-Lab	25.7876, -9.9021, 2.7720

Details

The Hex color **304F45** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4F303A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **608075**, and **04221A** is the 20% darker color. If you saturate the color by 10%, you get **284F42**, and if you desaturate by 10%, it is **384F48**.

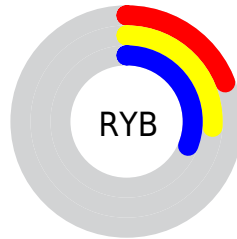
Distribution



 Red (19%)

 Green (31%)

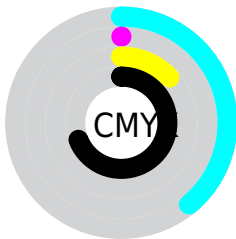
 Blue (27%)




 Red (19%)

 Yellow (26%)

 Blue (31%)

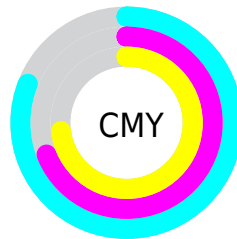



 Cyan (39%)

 Magenta (0%)

 Yellow (13%)

 Black (69%)



 Cyan (81%)

 Magenta (69%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304F45 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 304F45 by changing the saturation by 10% instead.

■ 304F45

■ 304F45

FFFFFF

■ 19382F

■ 608075

■ 04221A

■ 799A8F

■ 000700

■ 93B5A9

■ 000000

■ AED1C4

■ C9EDE0

■ E5FFFD

■ 304F45

■ 304F45

■ 284F42

■ 384F48

■ 204F40

■ 404F4A

■ 184F3D

■ 484F4D

■ 104F3B

■ 504F4F

■ 094F38

■ 584F52

■ 014F36

■ 5F4F54

■ 004F36

■ 674F57

■ 6F4F59

■ 774F5C

Harmonies

Analogous

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



3C4D3B



304F45



284F50

Triad

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



304F45



46475E



5C4338

Complementary

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



304F45



4F303A

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.



604142



304F45



544457

Square

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



304F45



364B5F



5D414D



544733

Rectangle

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



304F45



284E57



5D414D



5E423B

Sweetspot

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



304F45



5A6662



3A4F30



2C3331



B3B3B3



333333

Same Dimension

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



304F45



366657



304A4F



222625



006645



00E69B

Inverse Universe

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



4F303A



663646



4F3530



262224



660021



E6004A

Previews

White Background



This preview shows how the Hex color 304F45 looks on a white background.

Color Contrast Check

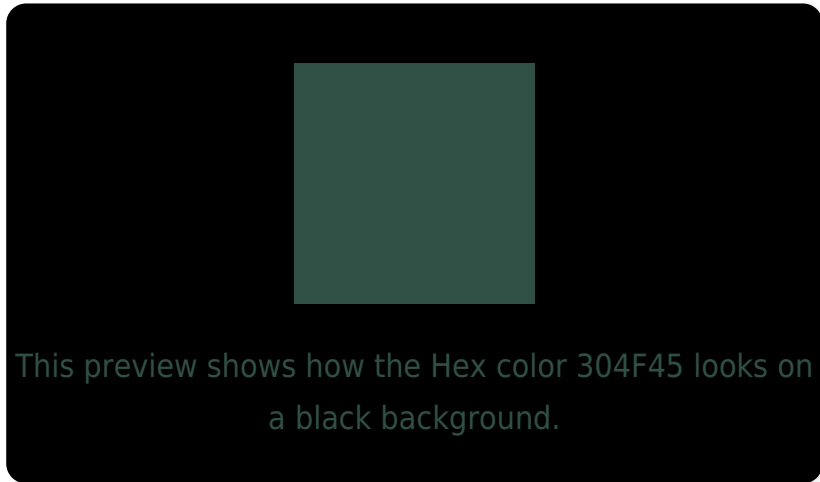
Large Text (above 18pt) WCAG AA ✓ Pass

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

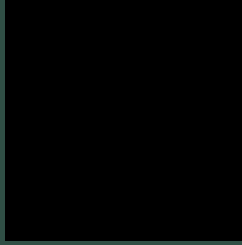
Any Text WCAG AA × Fail

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 304F45 Background



This preview shows how black text looks on a background with the Hex color 304F45.



This preview shows how white text looks on a background with the Hex color 304F45.

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
304F45

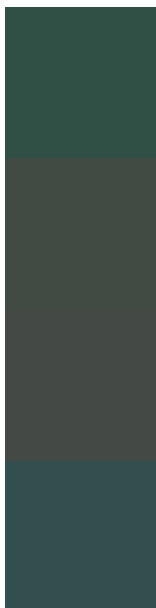
Protanopia
4C4842

Deuteranopia
504647



Tritanopia
334D53

Trichromacy



Original Color

304F45

Protanomaly

424B43

Deuteranomaly

444946

Tritanomaly

324E4E

Monochromacy



Original Color

304F45

Achromatopsia

454545

Achromatomaly

3D4945

CSS Examples

Text

The CSS property to change the color of the text to Hex 304F45 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 #304F45 looks like.

```
.text, #text, p{  
    color:#304F45  
}
```

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 #304F45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304F45
}
```

Border

The CSS property to change the border of an element to Hex 304F45 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
#304F45 }
```

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

```
.border{ border-color:#304F45 }
```

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

Here you see how a box with a 4 pixel #304F45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304F45; -webkit-box-shadow:4px 4px  
4px 4px #304F45; box-shadow:4px 4px 4px  
4px #304F45 }
```

Background

The CSS property to change the background color of an element to Hex 304F45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304F45 }
```

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

```
.background{ background-color:#304F45 }
```

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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