

Converting Colors

Hex(324D36)

Have a look what the booklet for
Hex(324D36) contains.

Hex(324D36)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(324D36)

Conversions

Conversions Part 1

Format	Color
Hex	324D36
RGB	50, 77, 54
RGB Percent	20%, 30%, 21%
CMY	0.8039, 0.6980, 0.7882
CMYK	0.35, 0.00, 0.30, 0.70
HSL	129°, 21%, 25%
HSV	129°, 35%, 30%
XYZ	4.6351, 6.2522, 4.4525
YIQ	66.3050, -8.7090, -12.8770

Conversions

Conversions Part 2

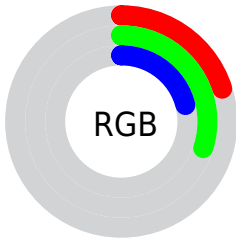
Format	Color
RYB	50, 74, 77
Decimal	3296566
CIELab	30.04, -15.77, 10.48
CIELCh	30, 18.935, 146.413
Yxy	6.2522, 0.3022, 0.4076
Android (android.graphics.Color)	4281486646 (0xFF324D36)
YUV	66.3050, -6.0664, -14.2995
Hunter-Lab	25.0044, -10.6688, 6.9453

Details

The Hex color **324D36** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4D3249**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **617E65**, and **07210A** is the 20% darker color. If you saturate the color by 10%, you get **2A4D2F**, and if you desaturate by 10%, it is **3A4D3D**.

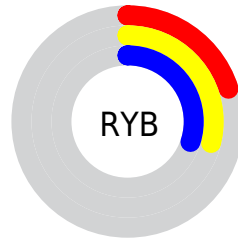
Distribution



Red (20%)

Green (30%)

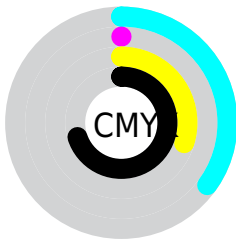
Blue (21%)



Red (20%)

Yellow (29%)

Blue (30%)

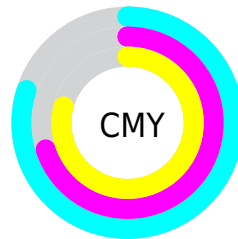


Cyan (35%)

Magenta (0%)

Yellow (30%)

Black (70%)



Cyan (80%)

Magenta (70%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 324D36 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 324D36 by changing the saturation by 10% instead.

■ 324D36

■ 324D36

FFFFFF

■ 1C3621

■ 617E65

■ 07210A

■ 7A987E

■ 000000

■ 94B398

■ AFCEB2

■ CBEBCE

■ E7FFEA

■ 324D36

■ 324D36

■ 2A4D2F

■ 3A4D3D

■ 234D29

■ 414D43

■ 1B4D22

■ 494D4A

■ 134D1C

■ 514D50

■ 0C4D15

■ 594D57

■ 044D0F

■ 604D5D

■ 004D0B

■ 684D64

■ 704D6A

■ 774D71

Harmonies

Analogous

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



434A2C



324D36



204F44

Triad

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



324D36



2F4964



633C3A

Complementary

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



324D36



4D3249

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.



623C49



324D36



464461

Square

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



324D36



184C5F



583F57



5E402F

Rectangle

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



324D36



144F4F



583F57



643C3F

Sweetspot

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



324D36



59635A



494D32



2C332D



B3B3B3



333333

Same Dimension

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



324D36



3A6340



324D43



222623



00660F



00E622

Inverse Universe

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



4D3249



633A5D



4D323C



262226



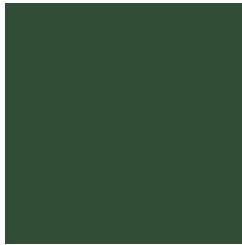
660057



E600C3

Previews

White Background



This preview shows how the Hex color 324D36 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

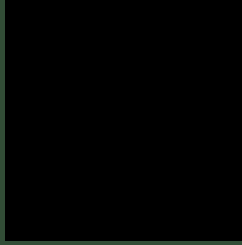
Any Text WCAG AA × Fail

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 324D36 Background



This preview shows how black text looks on a background with the Hex color 324D36.



This preview shows how white text looks on a background with the Hex color 324D36.

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
324D36

Protanopia
4C4633

Deuteranopia
524438



Tritanopia
374A50

Trichromacy



Original Color

324D36

Protanomaly

434934

Deuteranomaly

464737

Tritanomaly

354B47

Monochromacy



Original Color

324D36

Achromatopsia

424242

Achromatomaly

3C463E

CSS Examples

Text

The CSS property to change the color of the text to Hex 324D36 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 #324D36 looks like.

```
.text, #text, p{  
    color:#324D36  
}
```

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 #324D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #324D36
}
```

Border

The CSS property to change the border of an element to Hex 324D36 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
#324D36 }
```

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

```
.border{ border-color:#324D36 }
```

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

Here you see how a box with a 4 pixel #324D36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #324D36; -webkit-box-shadow:4px 4px  
4px 4px #324D36; box-shadow:4px 4px 4px  
4px #324D36 }
```

Background

The CSS property to change the background color of an element to Hex 324D36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#324D36 }
```

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

```
.background{ background-color:#324D36 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor