

Converting Colors

Hex(30674B)

Have a look what the booklet for
Hex(30674B) contains.

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Color

Hex(30674B)

Conversions

Conversions Part 1

Format	Color
Hex	30674B
RGB	48, 103, 75
RGB Percent	19%, 40%, 29%
CMY	0.8118, 0.5961, 0.7059
CMYK	0.53, 0.00, 0.27, 0.60
HSL	149°, 36%, 30%
HSV	149°, 53%, 40%
XYZ	7.3392, 10.8369, 8.3615
YIQ	83.3630, -23.7920, -20.3680

Conversions

Conversions Part 2

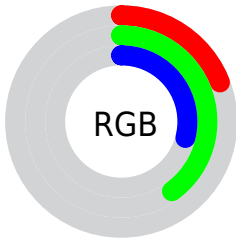
Format	Color
RYB	48, 85, 103
Decimal	3172171
CIELab	39.30, -25.47, 10.34
CIELCh	39, 27.486, 157.897
Yxy	10.8369, 0.2766, 0.4084
Android (android.graphics.Color)	4281362251 (0xFF30674B)
YUV	83.3630, -4.1230, -31.0134
Hunter-Lab	32.9194, -17.8135, 7.9839

Details

The Hex color **30674B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **67304C**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **629B7C**, and **00371F** is the 20% darker color. If you saturate the color by 10%, you get **266746**, and if you desaturate by 10%, it is **3A6750**.

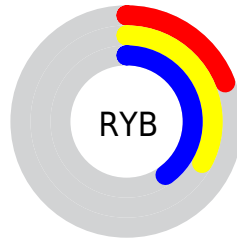
Distribution



Red (19%)

Green (40%)

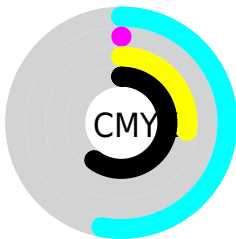
Blue (29%)



Red (19%)

Yellow (33%)

Blue (40%)

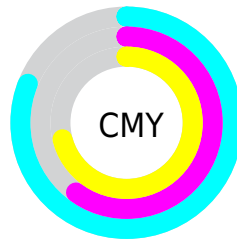


Cyan (53%)

Magenta (0%)

Yellow (27%)

Black (60%)



Cyan (81%)

Magenta (60%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30674B 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 30674B by changing the saturation by 10% instead.



30674B



30674B

FFFFFF



164F34



629B7C



00371F



7CB696



002208



97D1B0



000000



B2EECC



CEFFE8



EBFFFF



30674B



30674B



266746



3A6750

■ 1B6741

■ 456755

■ 11673B

■ 4F675B

■ 076736

■ 596760

■ 006733

■ 646765

■ 6E676A

■ 786770

■ 826775

■ 8D677A

Harmonies

Analogous

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



4D6338



30674B



006862

Triad

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



30674B



445D89



854E42

Complementary

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



30674B



67304C

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.



874B57



30674B



675580

Square

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



30674B



126386



7D4D6E



785533

Rectangle

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



30674B



006871



7D4D6E



874C49

Sweetspot

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



30674B



72877C



4C6730



38453E



C4C4C4



454545

Same Dimension

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



30674B



31875B



306766



2E3330



007338



00F277

Inverse Universe

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



67304C



87315D



673031



332E30



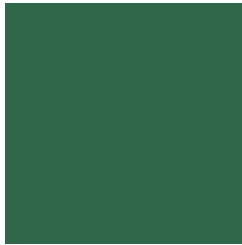
73003A



F2007B

Previews

White Background



This preview shows how the Hex color 30674B looks on a white background.

Color Contrast Check

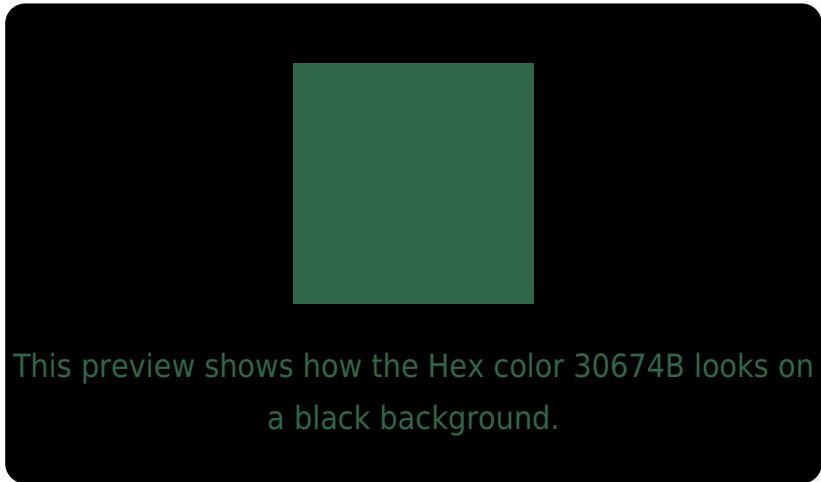
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 30674B Background



This preview shows how black text looks on a background with the Hex color 30674B.



This preview shows how white text looks on a background with the Hex color 30674B.

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
30674B

Protanopia
635C46

Deuteranopia
6A594E



Tritanopia
39636B

Trichromacy



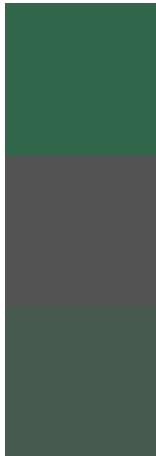
Original Color
30674B

Protanomaly
506048

Deuteranomaly
555E4D

Tritanomaly
36645F

Monochromacy



Original Color
30674B

Achromatopsia
535353

Achromatomaly
465A50

CSS Examples

Text

The CSS property to change the color of the text to Hex 30674B 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 #30674B looks like.

```
.text, #text, p{  
    color:#30674B  
}
```

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 #30674B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30674B
}
```

Border

The CSS property to change the border of an element to Hex 30674B 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
#30674B }
```

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

```
.border{ border-color:#30674B }
```

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

Here you see how a box with a 4 pixel #30674B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30674B; -webkit-box-shadow:4px 4px  
4px 4px #30674B; box-shadow:4px 4px 4px  
4px #30674B }
```

Background

The CSS property to change the background color of an element to Hex 30674B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30674B }
```

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

```
.background{ background-color:#30674B }
```

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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