

Converting Colors

Hex(30624E)

Have a look what the booklet for
Hex(30624E) contains.

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Color

Hex(30624E)

Conversions

Conversions Part 1

Format	Color
Hex	30624E
RGB	48, 98, 78
RGB Percent	19%, 38%, 31%
CMY	0.8118, 0.6157, 0.6941
CMYK	0.51, 0.00, 0.20, 0.62
HSL	156°, 34%, 29%
HSV	156°, 51%, 38%
XYZ	6.9618, 9.9138, 8.7544
YIQ	80.7700, -23.3800, -16.8200

Conversions

Conversions Part 2

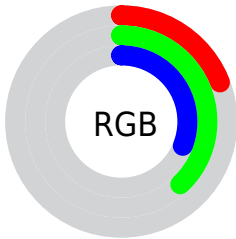
Format	Color
R_{YB}	48, 79, 98
Decimal	3170894
CIE _{Lab}	37.69, -22.21, 6.24
CIE _{LCh}	38, 23.071, 164.300
Yxy	9.9138, 0.2716, 0.3868
Android (android.graphics.Color)	4281360974 (0xFF30624E)
YUV	80.7700, -1.3656, -28.7393
Hunter-Lab	31.4862, -15.6336, 5.5555

Details

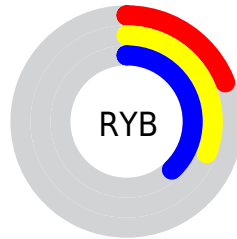
The Hex color **30624E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **623044**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **62957F**, and **003322** is the 20% darker color. If you saturate the color by 10%, you get **26624A**, and if you desaturate by 10%, it is **3A6252**.

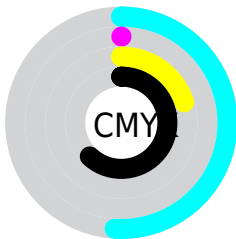
Distribution



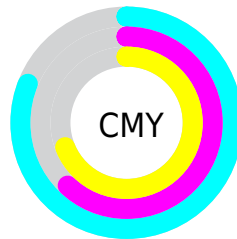
- Red (19%)
- Green (38%)
- Blue (31%)



- Red (19%)
- Yellow (31%)
- Blue (38%)



- Cyan (51%)
- Magenta (0%)
- Yellow (20%)
- Black (62%)



- Cyan (81%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30624E 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 30624E by changing the saturation by 10% instead.

 30624E

 30624E

FFFFFF

 174A37

 62957F

 003322

 7CB099

 001F0C

 96CBB4

 000000

 B1E8CF

 CDFFE8

 EAFFFF

 30624E

 30624E

 26624A

 3A6252

■ 1C6246

■ 446256

■ 136242

■ 4D625A

■ 09623E

■ 57625E

■ 00623B

■ 616262

■ 6B6266

■ 756269

■ 7E626D

■ 886271

Harmonies

Analogous

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



475F3D



30624E



176361

Triad

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



30624E



4C577D



794E40

Complementary

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



30624E



623044

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.



7D4A50



30624E



665173

Square

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



30624E



2D5D7C



774B63



6E5435

Rectangle

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



30624E



0C626D



774B63



7C4C45

Sweetspot

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



30624E



6C8078



446230



34403B



BFBFBF



404040

Same Dimension

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



30624E



328060



305D62



2C302F



007043



00F090

Inverse Universe

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



623044



803251



623530



302C2E



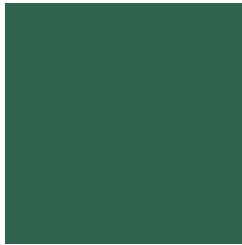
70002D



F00060

Previews

White Background



This preview shows how the Hex color 30624E looks on a white background.

Color Contrast Check

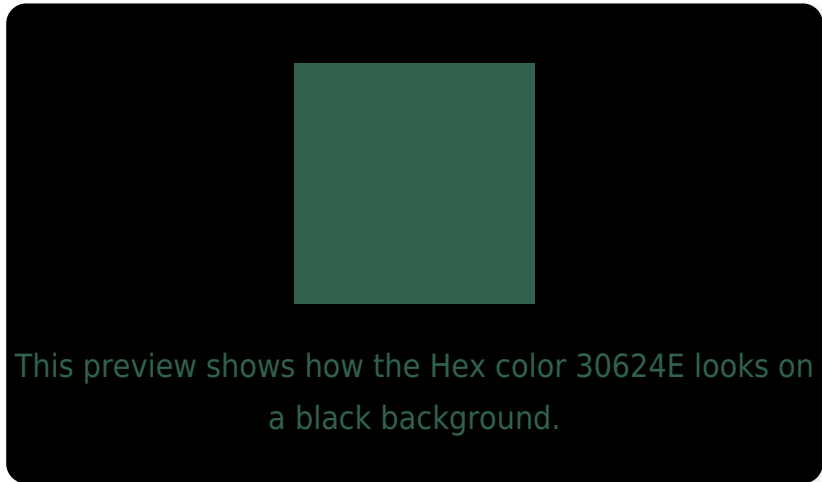
Large Text (above 18pt) WCAG AA ✓ Pass

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

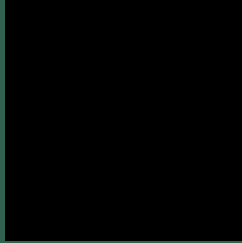
Any Text WCAG AA × Fail

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 30624E Background



This preview shows how black text looks on a background with the Hex color 30624E.



This preview shows how white text looks on a background with the Hex color 30624E.

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
30624E

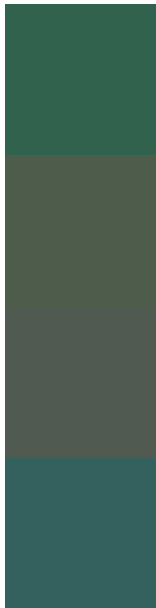
Protanopia
5D5849

Deuteranopia
645551



Tritanopia
375F66

Trichromacy



Original Color
30624E

Protanomaly
4D5C4B

Deuteranomaly
515A50

Tritanomaly
34605D

Monochromacy



Original Color
30624E

Achromatopsia
515151

Achromatomaly
455750

CSS Examples

Text

The CSS property to change the color of the text to Hex 30624E 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 #30624E looks like.

```
.text, #text, p{  
    color:#30624E  
}
```

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 #30624E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30624E
}
```

Border

The CSS property to change the border of an element to Hex 30624E 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
#30624E }
```

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

```
.border{ border-color:#30624E }
```

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

Here you see how a box with a 4 pixel #30624E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30624E; -webkit-box-shadow:4px 4px  
4px 4px #30624E; box-shadow:4px 4px 4px  
4px #30624E }
```

Background

The CSS property to change the background color of an element to Hex 30624E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30624E }
```

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

```
.background{ background-color:#30624E }
```

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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