

Converting Colors

Hex(31624D)

Have a look what the booklet for
Hex(31624D) contains.

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Color

Hex(31624D)

Conversions

Conversions Part 1

Format	Color
Hex	31624D
RGB	49, 98, 77
RGB Percent	19%, 38%, 30%
CMY	0.8078, 0.6157, 0.6980
CMYK	0.50, 0.00, 0.21, 0.62
HSL	154°, 33%, 29%
HSV	154°, 50%, 38%
XYZ	6.9739, 9.9242, 8.5692
YIQ	80.9550, -22.4630, -16.9190

Conversions

Conversions Part 2

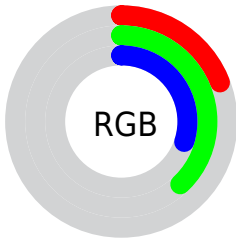
Format	Color
RYB	49, 80, 98
Decimal	3236429
CIELab	37.71, -22.17, 6.89
CIELCh	38, 23.215, 162.739
Yxy	9.9242, 0.2738, 0.3897
Android (android.graphics.Color)	4281426509 (0xFF31624D)
YUV	80.9550, -1.9498, -28.0245
Hunter-Lab	31.5026, -15.6144, 5.9241




Details

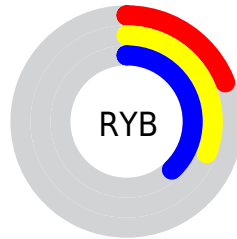
The Hex color **31624D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **623146**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **63957E**, and **003321** is the 20% darker color. If you saturate the color by 10%, you get **276249**, and if you desaturate by 10%, it is **3B6251**.

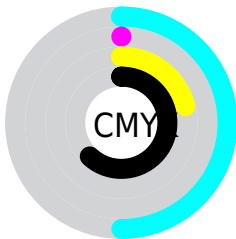
Distribution







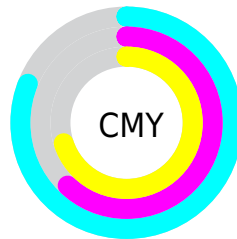
-  Red (19%)
-  Green (38%)
-  Blue (30%)






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



-  Cyan (50%)
-  Magenta (0%)
-  Yellow (21%)
-  Black (62%)





-  Cyan (81%)
-  Magenta (62%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31624D 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 31624D by changing the saturation by 10% instead.

 31624D

 31624D

FFFFFF

 184A36

 63957E

 003321

 7CB098

 001F0A


 97CBB3


 000000

 B2E8CE

 CEFFEA

 EBFFFF

 31624D

 31624D

 276249

 3B6251

■ 1D6245

■ 456255

■ 146240

■ 4E625A

■ 0A623C

■ 58625E

■ 006238

■ 626262

■ 6C6266

■ 76626A

■ 7F626F

■ 896273

Harmonies

Analogous

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



485F3D



31624D



176360

Triad

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



31624D



4B587D



7A4E40

Complementary

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



31624D



623146

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.



7D4A51



31624D



655174

Square

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



31624D



2B5E7C



764C64



6F5435

Rectangle

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



31624D



0B626C



764C64



7C4C45

Sweetspot

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



31624D



6C8077



466231



34403B



BFBFBF



404040

Same Dimension

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



31624D



33805F



315F62



2C302E



007040



00F089

Inverse Universe

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



623146



803354



623431



302C2E



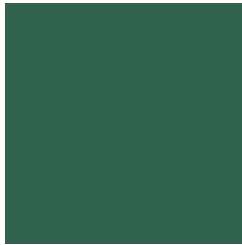
700030



F00067

Previews

White Background



This preview shows how the Hex color 31624D looks on a white background.

Color Contrast Check

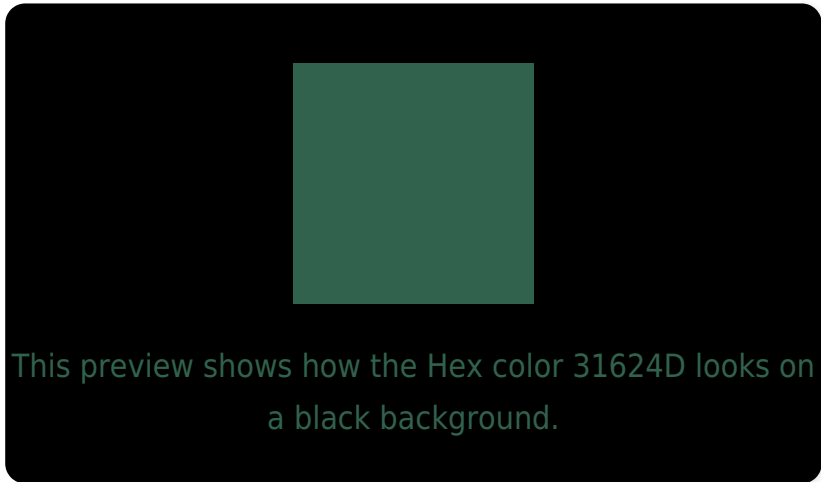
Large Text (above 18pt) WCAG AA ✓ Pass

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

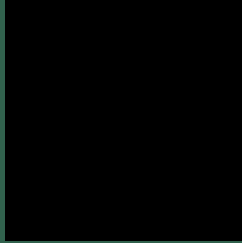
Any Text WCAG AA × Fail

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 31624D Background



This preview shows how black text looks on a background with the Hex color 31624D.

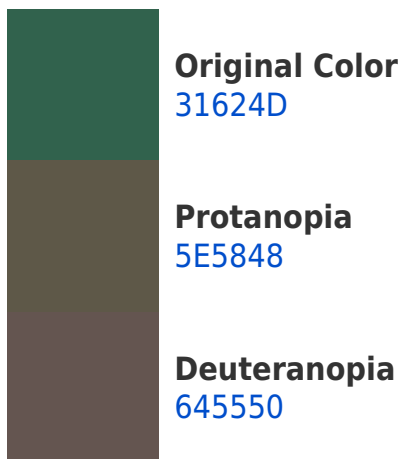


This preview shows how white text looks on a background with the Hex color 31624D.

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





Tritanopia
385F66

Trichromacy



Original Color
31624D

Protanomaly
4E5C4A

Deuteranomaly
515A4F

Tritanomaly
35605D

Monochromacy



Original Color
31624D

Achromatopsia
515151

Achromatomaly
455750

CSS Examples

Text

The CSS property to change the color of the text to Hex 31624D 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 #31624D looks like.

```
.text, #text, p{  
    color:#31624D  
}
```

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 #31624D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31624D
}
```

Border

The CSS property to change the border of an element to Hex 31624D 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".

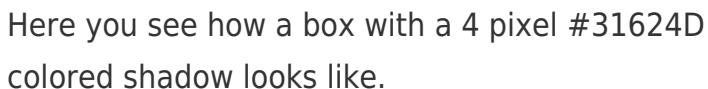
```
.border, #border, table{ border:4px solid
#31624D }
```

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

```
.border{ border-color:#31624D }
```

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

Here you see how a box with a 4 pixel #31624D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31624D; -webkit-box-shadow:4px 4px  
4px 4px #31624D; box-shadow:4px 4px 4px  
4px #31624D }
```

Background

The CSS property to change the background color of an element to Hex 31624D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31624D }
```

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

```
.background{ background-color:#31624D }
```

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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