

Converting Colors

Hex(37614E)

Have a look what the booklet for
Hex(37614E) contains.

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Color

Hex(37614E)

Conversions

Conversions Part 1

Format	Color
Hex	37614E
RGB	55, 97, 78
RGB Percent	22%, 38%, 31%
CMY	0.7843, 0.6196, 0.6941
CMYK	0.43, 0.00, 0.20, 0.62
HSL	153°, 28%, 30%
HSV	153°, 43%, 38%
XYZ	7.2254, 9.9117, 8.7401
YIQ	82.2760, -18.9330, -14.8130

Conversions

Conversions Part 2

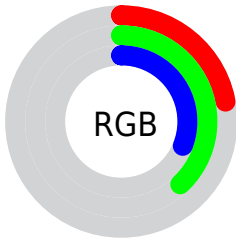
Format	Color
R_{YB}	55, 82, 97
Decimal	3629390
CIE Lab	37.68, -19.59, 6.28
CIE LCh	38, 20.568, 162.213
Yxy	9.9117, 0.2792, 0.3830
Android (android.graphics.Color)	4281819470 (0xFF37614E)
YUV	82.2760, -2.1081, -23.9211
Hunter-Lab	31.4828, -14.1287, 5.5783

Details

The Hex color **37614E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **61374A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **68947F**, and **063222** is the 20% darker color. If you saturate the color by 10%, you get **2D614A**, and if you desaturate by 10%, it is **416152**.

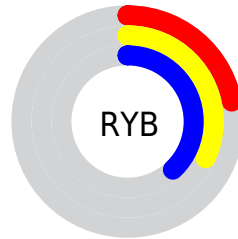
Distribution



Red (22%)

Green (38%)

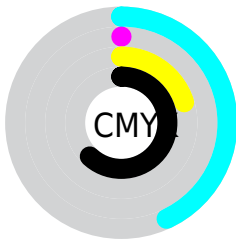
Blue (31%)



Red (22%)

Yellow (32%)

Blue (38%)

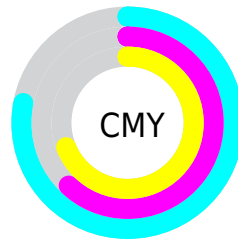


Cyan (43%)

Magenta (0%)

Yellow (20%)

Black (62%)



Cyan (78%)

Magenta (62%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37614E 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 37614E by changing the saturation by 10% instead.

 37614E

 37614E

FFFFFF

 1F4937

 68947F

 063222

 82AF99

 001E0C

 9CCAB4

 000000

 B8E6CF

 D4FFEB

 F0FFFF

 37614E

 37614E

 2D614A

 416152

■ 246145

■ 4A6157

■ 1A6141

■ 54615B

■ 10613C

■ 5E6160

■ 076138

■ 676164

■ 006135

■ 716168

■ 7B616D

■ 856171

■ 8E6175

Harmonies

Analogous

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



4B5E40



37614E



25625F

Triad

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



37614E



4D5879



774F43

Complementary

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



37614E



61374A

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.



7A4C52



37614E



635271

Square

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



37614E



335D78



734D63



6D5439

Rectangle

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



37614E



1F616A



734D63



794E48

Sweetspot

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



37614E



6D7D76



4B6137



36403B



BFBFBF



404040

Same Dimension

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



37614E



3C7D60



376061



2C302E



00703D



00F083

Inverse Universe

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



61374A



7D3C59



613837



302C2E



700033



F0006C

Previews

White Background



This preview shows how the Hex color 37614E looks on a white background.

Color Contrast Check

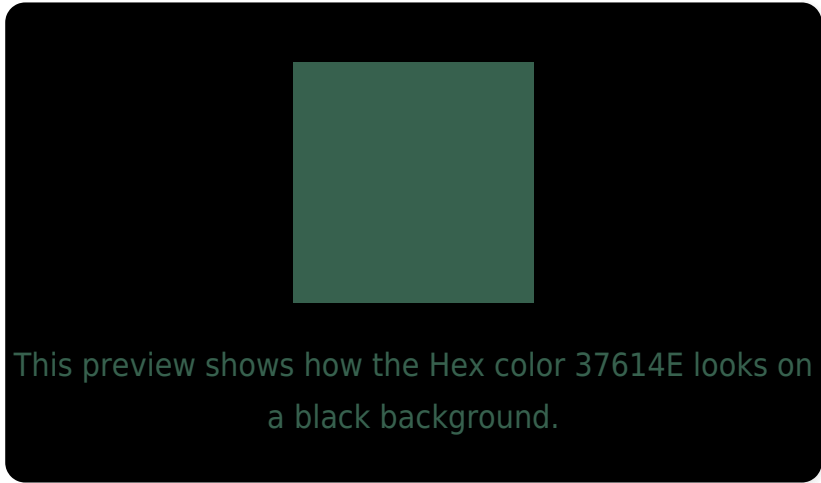
Large Text (above 18pt) WCAG AA ✓ Pass

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

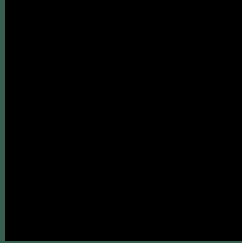
Any Text WCAG AA × Fail

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 37614E Background



This preview shows how black text looks on a background with the Hex color 37614E.

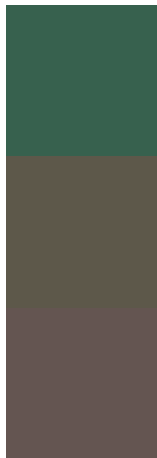


This preview shows how white text looks on a background with the Hex color 37614E.

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
37614E

Protanopia
5D584A

Deuteranopia
645551



Tritanopia
3D5E65

Trichromacy



Original Color
37614E

Protanomaly
4F5B4B

Deuteranomaly
545950

Tritanomaly
3B5F5D

Monochromacy



Original Color
37614E

Achromatopsia
525252

Achromatomaly
485751

CSS Examples

Text

The CSS property to change the color of the text to Hex 37614E 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 #37614E looks like.

```
.text, #text, p{  
    color:#37614E  
}
```

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 #37614E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37614E
}
```

Border

The CSS property to change the border of an element to Hex 37614E 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
#37614E }
```

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

```
.border{ border-color:#37614E }
```

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

Here you see how a box with a 4 pixel #37614E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37614E; -webkit-box-shadow:4px 4px  
4px 4px #37614E; box-shadow:4px 4px 4px  
4px #37614E }
```

Background

The CSS property to change the background color of an element to Hex 37614E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37614E }
```

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

```
.background{ background-color:#37614E }
```

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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