

Converting Colors

Hex(2B614A)

Have a look what the booklet for
Hex(2B614A) contains.

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Color

Hex(2B614A)

Conversions

Conversions Part 1

Format	Color
Hex	2B614A
RGB	43, 97, 74
RGB Percent	17%, 38%, 29%
CMY	0.8314, 0.6196, 0.7098
CMYK	0.56, 0.00, 0.24, 0.62
HSL	154°, 39%, 27%
HSV	154°, 56%, 38%
XYZ	6.5070, 9.5574, 7.9804
YIQ	78.2320, -24.8010, -18.6010

Conversions

Conversions Part 2

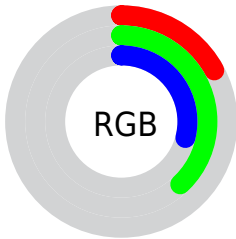
Format	Color
RYB	43, 77, 97
Decimal	2842954
CIELab	37.04, -24.06, 7.74
CIELCh	37, 25.276, 162.162
Yxy	9.5574, 0.2706, 0.3975
Android (android.graphics.Color)	4281033034 (0xFF2B614A)
YUV	78.2320, -2.0864, -30.8985
Hunter-Lab	30.9150, -16.5307, 6.3355

Details

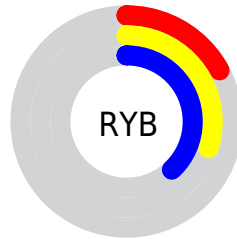
The Hex color **2B614A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **612B42**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5D947B**, and **00321E** is the 20% darker color. If you saturate the color by 10%, you get **216146**, and if you desaturate by 10%, it is **35614E**.

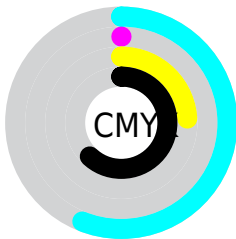
Distribution



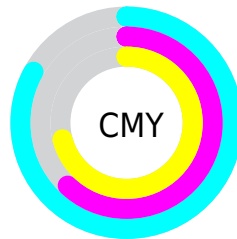
- Red (17%)
- Green (38%)
- Blue (29%)



- Red (17%)
- Yellow (30%)
- Blue (38%)



- Cyan (56%)
- Magenta (0%)
- Yellow (24%)
- Black (62%)



- Cyan (83%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B614A 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 2B614A by changing the saturation by 10% instead.

 2B614A

 2B614A

FFFFFF

 104933

 5D947B

 00321E

 77AF94

 001E06

 92CAAF

 000000


 ADE7CB

 C9FFE7

 E5FFFF

 2B614A

 2B614A

 216146

 35614E

■ 186142

■ 3E6152

■ 0E613E

■ 486156

■ 046139

■ 52615B

■ 006138

■ 5C615F

■ 656163

■ 6F6167

■ 79616B

■ 82616F

Harmonies

Analogous

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



465E38



2B614A



02625F

Triad

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



2B614A



47567F



7B4B3D

Complementary

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



2B614A



612B42

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.



7E4750



2B614A



644F75

Square

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



2B614A



1F5D7D



774964



6F5230

Rectangle

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



2B614A



00616C



774964



7D4943

Sweetspot

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



2B614A



687D74



42612B



33403A



BFBFBF



404040

Same Dimension

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



2B614A



297D59



2B5D61



2C302E



007040



00F08A

Inverse Universe

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



612B42



7D294D



612F2B



302C2E



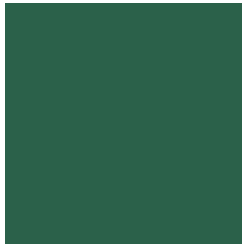
700030



F00066

Previews

White Background



This preview shows how the Hex color 2B614A looks on a white background.

Color Contrast Check

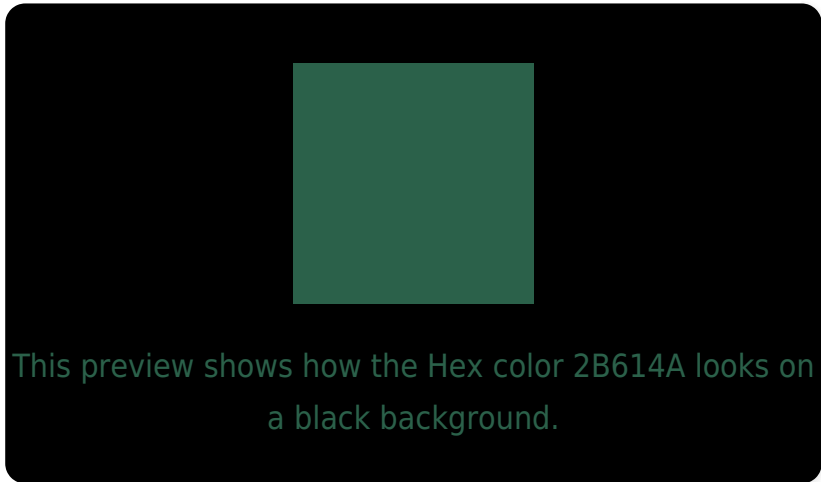
Large Text (above 18pt) WCAG AA ✓ Pass

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

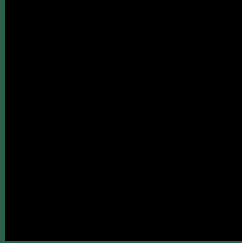
Any Text WCAG AA × Fail

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 2B614A Background



This preview shows how black text looks on a background with the Hex color 2B614A.



This preview shows how white text looks on a background with the Hex color 2B614A.

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
2B614A

Protanopia
5C5745

Deuteranopia
63544D



Tritanopia
335D65

Trichromacy



Original Color
2B614A

Protanomaly
4A5B47

Deuteranomaly
4F594C

Tritanomaly
305E5B

Monochromacy



Original Color
2B614A

Achromatopsia
4E4E4E

Achromatomaly
41554D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B614A 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 #2B614A looks like.

```
.text, #text, p{  
    color:#2B614A  
}
```

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 #2B614A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B614A
}
```

Border

The CSS property to change the border of an element to Hex 2B614A 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
#2B614A }
```

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

```
.border{ border-color:#2B614A }
```

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

Here you see how a box with a 4 pixel #2B614A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B614A; -webkit-box-shadow:4px 4px  
4px 4px #2B614A; box-shadow:4px 4px 4px  
4px #2B614A }
```

Background

The CSS property to change the background color of an element to Hex 2B614A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B614A }
```

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

```
.background{ background-color:#2B614A }
```

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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