

# Converting Colors

Hex(264B4A)

Have a look what the booklet for  
Hex(264B4A) contains.

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# Color

**Hex(264B4A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	264B4A
RGB	38, 75, 74
RGB Percent	15%, 29%, 29%
CMY	0.8510, 0.7059, 0.7098
CMYK	0.49, 0.00, 0.01, 0.71
HSL	178°, 33%, 22%
HSV	178°, 49%, 29%
XYZ	4.5514, 5.9386, 7.3850
YIQ	63.8230, -21.7310, -8.1550

# Conversions

## Conversions Part 2

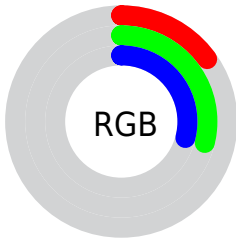
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 57, 75
Decimal	2509642
CIE <sub>Lab</sub>	29.26, -13.51, -3.53
CIE <sub>LCh</sub>	29, 13.960, 194.661
Yxy	5.9386, 0.2546, 0.3322
Android (android.graphics.Color)	4280699722 (0xFF264B4A)
YUV	63.8230, 5.0173, -22.6468
Hunter-Lab	24.3693, -9.3080, -0.9089




# Details

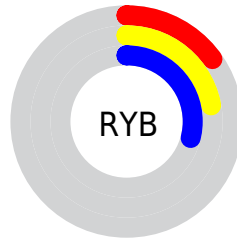
The Hex color **264B4A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4B2627**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **567C7B**, and **001F1E** is the 20% darker color. If you saturate the color by 10%, you get **1E4B4A**, and if you desaturate by 10%, it is **2E4B4A**.

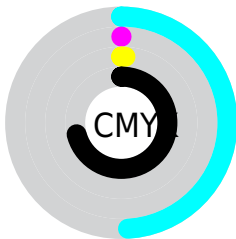
# Distribution







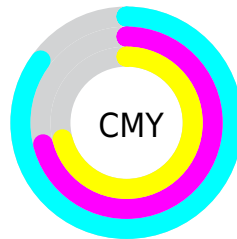
-  Red (15%)
-  Green (29%)
-  Blue (29%)






-  Red (15%)
-  Yellow (22%)
-  Blue (29%)



-  Cyan (49%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (71%)



-  Cyan (85%)
-  Magenta (71%)
-  Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 264B4A 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 264B4A by changing the saturation by 10% instead.



■ 264B4A

■ 264B4A

FFFFFF

■ 0D3433

■ 567C7B

■ 001F1E

■ 6F9694

■ 000005

■ 89B1AF

■ 000000

■ A4CCCA

■ BFE8E6

■ DCFFFF

■ F8FFFF

■ 264B4A

■ 264B4A

■ 1E4B4A

■ 2E4B4A

■ 174B4A

■ 354B4A

■ 0F4B49

■ 3D4B4B

■ 084B49

■ 444B4B

■ 004B49

■ 4C4B4B

■ 534B4B

■ 5A4B4B

■ 624B4C

■ 6A4B4C

# Harmonies

## Analogous

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



2F4B3F



264B4A



264A54

# Triad

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



264B4A



4D4054



524230

# Complementary

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



264B4A



4B2627

# 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.



593F36



264B4A



573E4B

# Square

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



264B4A



3F445A



5B3D40



474630

# Rectangle

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



264B4A



2C4958



5B3D40



554132



# Sweetspot

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



264B4A



526161



274B26



283030



B0B0B0



303030



# Same Dimension

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



264B4A



28615F



263A4B



222626



006663



00E6DF



# Inverse Universe

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



4B2627



612829



4B3726



262223



660003

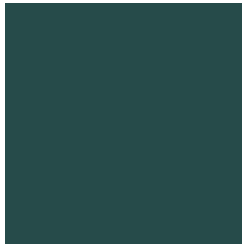


E60006



# Previews

## White Background



This preview shows how the Hex color 264B4A looks on a white background.

## Color Contrast Check

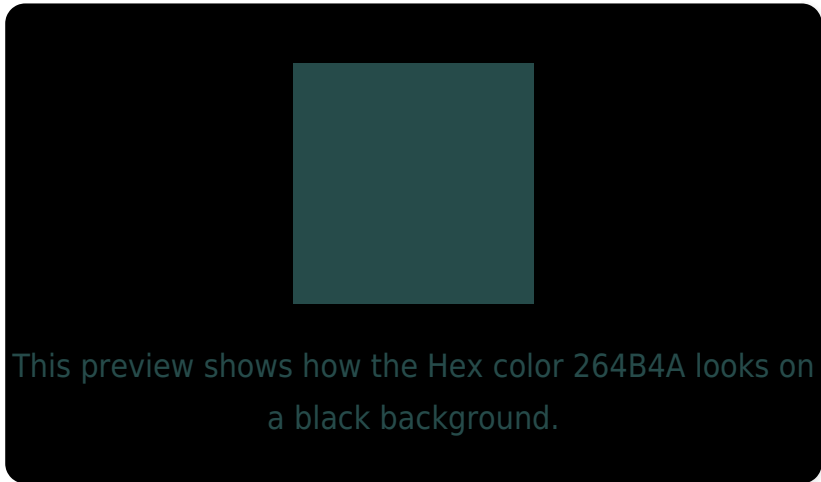
Large Text (above 18pt) WCAG AA ✓ Pass

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

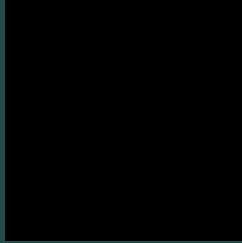
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 264B4A Background



This preview shows how black text looks on a background with the Hex color 264B4A.



This preview shows how white text looks on a background with the Hex color 264B4A.

# 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](#).

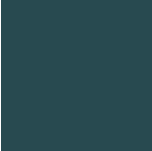
## Dichromacy



**Original Color**  
264B4A

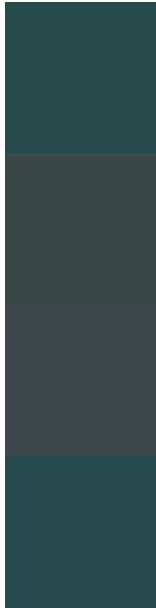
**Protanopia**  
464446

**Deuteranopia**  
48434C



**Tritanopia**  
284A50

# Trichromacy



**Original Color**  
264B4A

**Protanomaly**  
3A4747

**Deuteranomaly**  
3C464B

**Tritanomaly**  
274A4E

# Monochromacy



**Original Color**  
264B4A

**Achromatopsia**  
404040

**Achromatomaly**  
374444

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 264B4A 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 #264B4A looks like.

```
.text, #text, p{  
    color:#264B4A  
}
```

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 #264B4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #264B4A
}
```

## Border

The CSS property to change the border of an element to Hex 264B4A 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
#264B4A }
```

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

```
.border{ border-color:#264B4A }
```

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

Here you see how a box with a 4 pixel #264B4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #264B4A; -webkit-box-shadow:4px 4px  
4px 4px #264B4A; box-shadow:4px 4px 4px  
4px #264B4A }
```

# Background

The CSS property to change the background color of an element to Hex 264B4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#264B4A }
```

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

```
.background{ background-color:#264B4A }
```

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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