

Converting Colors

Hex(264C49)

Have a look what the booklet for
Hex(264C49) contains.

Hex(264C49)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(264C49)

Conversions

Conversions Part 1

Format	Color
Hex	264C49
RGB	38, 76, 73
RGB Percent	15%, 30%, 29%
CMY	0.8510, 0.7020, 0.7137
CMYK	0.50, 0.00, 0.04, 0.70
HSL	175°, 33%, 22%
HSV	175°, 50%, 30%
XYZ	4.5864, 6.0620, 7.2317
YIQ	64.2960, -21.6850, -8.9890

Conversions

Conversions Part 2

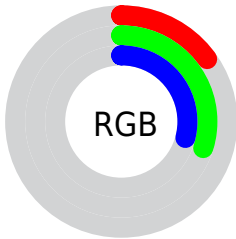
Format	Color
R_{YB}	38, 58, 76
Decimal	2509897
CIE Lab	29.57, -14.38, -2.43
CIE LCh	30, 14.587, 189.584
Yxy	6.0620, 0.2565, 0.3390
Android (android.graphics.Color)	4280699977 (0xFF264C49)
YUV	64.2960, 4.2911, -23.0616
Hunter-Lab	24.6211, -9.8363, -0.1798




Details

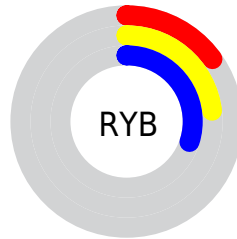
The Hex color **264C49** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4C2629**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **567D79**, and **00201E** is the 20% darker color. If you saturate the color by 10%, you get **1E4C48**, and if you desaturate by 10%, it is **2E4C4A**.

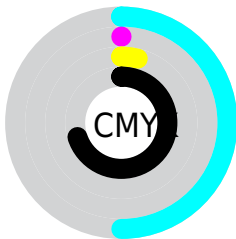
Distribution







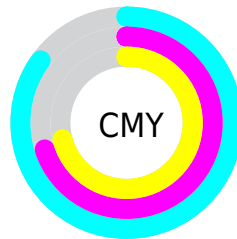
-  Red (15%)
-  Green (30%)
-  Blue (29%)






-  Red (15%)
-  Yellow (23%)
-  Blue (30%)



-  Cyan (50%)
-  Magenta (0%)
-  Yellow (4%)
-  Black (70%)



-  Cyan (85%)
-  Magenta (70%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 264C49 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 264C49 by changing the saturation by 10% instead.



264C49



264C49

FFFFFF



0D3533



567D79



00201E



6F9793



000004



89B2AE



000000



A4CDC9



BFEAE5



DCFFFF



F8FFFF



264C49



264C49

■ 1E4C48

■ 2E4C4A

■ 174C48

■ 354C4A

■ 0F4C47

■ 3D4C4B

■ 084C47

■ 444C4B

■ 004C46

■ 4C4C4C

■ 544C4D

■ 5B4C4D

■ 634C4E

■ 6A4C4E

Harmonies

Analogous

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



314B3D



264C49



244B54

Triad

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



264C49



4C4257



554231

Complementary

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



264C49



4C2629

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.



5B3F38



264C49



573E4E

Square

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



264C49



3D455C



5C3D42



4A462F

Rectangle

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



264C49



294A59



5C3D42



574133

Sweetspot

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



264C49



556362



294C26



2A3332



B3B3B3



333333

Same Dimension

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



264C49



28635F



263C4C



222626



00665E



00E6D3

Inverse Universe

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



4C2629



63282C



4C3626



262223



660008



E60012

Previews

White Background



This preview shows how the Hex color 264C49 looks on a white background.

Color Contrast Check

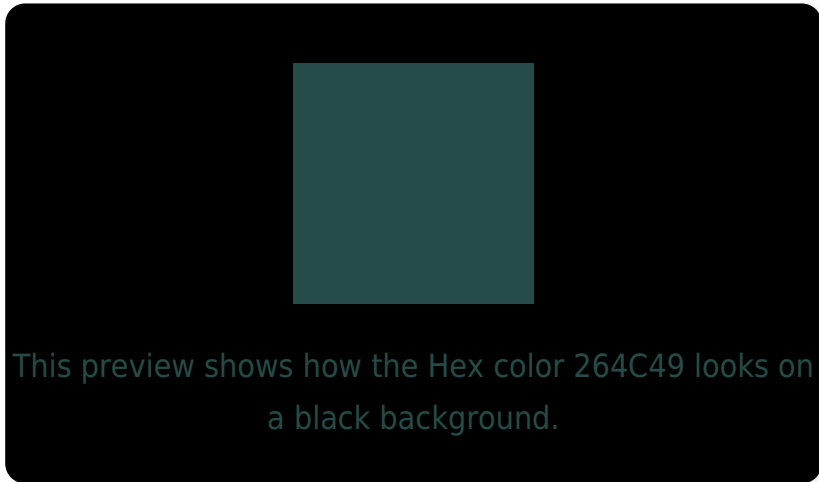
Large Text (above 18pt) WCAG AA ✓ Pass

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

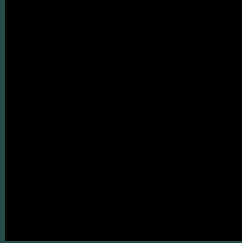
Any Text WCAG AA × Fail

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 264C49 Background



This preview shows how black text looks on a background with the Hex color 264C49.



This preview shows how white text looks on a background with the Hex color 264C49.

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
264C49

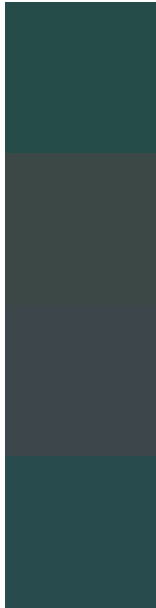
Protanopia
474545

Deuteranopia
4A434B



Tritanopia
294B51

Trichromacy



Original Color
264C49

Protanomaly
3B4846

Deuteranomaly
3D464A

Tritanomaly
284B4E

Monochromacy



Original Color
264C49

Achromatopsia
404040

Achromatomaly
374443

CSS Examples

Text

The CSS property to change the color of the text to Hex 264C49 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 #264C49 looks like.

```
.text, #text, p{  
    color:#264C49  
}
```

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 #264C49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #264C49
}
```

Border

The CSS property to change the border of an element to Hex 264C49 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
#264C49 }
```

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

```
.border{ border-color:#264C49 }
```

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

Here you see how a box with a 4 pixel #264C49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #264C49; -webkit-box-shadow:4px 4px  
4px 4px #264C49; box-shadow:4px 4px 4px  
4px #264C49 }
```

Background

The CSS property to change the background color of an element to Hex 264C49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#264C49 }
```

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

```
.background{ background-color:#264C49 }
```

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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