

# Converting Colors

Hex(264A5B)

Have a look what the booklet for  
Hex(264A5B) contains.

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# Color

**Hex(264A5B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	264A5B
RGB	38, 74, 91
RGB Percent	15%, 29%, 36%
CMY	0.8510, 0.7098, 0.6431
CMYK	0.58, 0.19, 0.00, 0.64
HSL	199°, 41%, 25%
HSV	199°, 58%, 36%
XYZ	5.1364, 6.0650, 10.7975
YIQ	65.1740, -26.9130, -2.3450

# Conversions

## Conversions Part 2

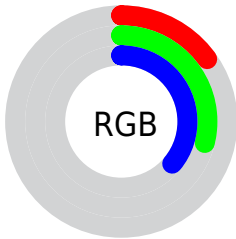
Format	Color
<b>R<sub>YB</sub></b>	38, 59, 91
Decimal	2509403
CIE Lab	29.58, -7.41, -13.99
CIE LCh	30, 15.835, 242.094
Yxy	6.0650, 0.2335, 0.2757
Android (android.graphics.Color)	4280699483 (0xFF264A5B)
YUV	65.1740, 12.7322, -23.8316
Hunter-Lab	24.6271, -5.8681, -8.7560

# Details

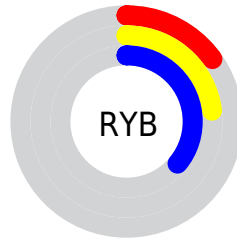
The Hex color **264A5B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B3726**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **587B8D**, and **001E2D** is the 20% darker color. If you saturate the color by 10%, you get **1D475B**, and if you desaturate by 10%, it is **2F4D5B**.

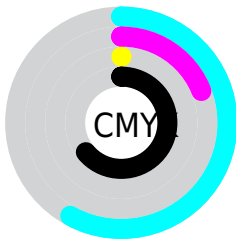
# Distribution



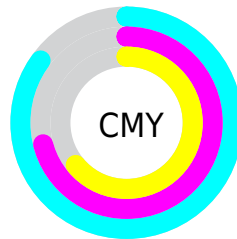
- Red (15%)
- Green (29%)
- Blue (36%)



- Red (15%)
- Yellow (23%)
- Blue (36%)



- Cyan (58%)
- Magenta (19%)
- Yellow (0%)
- Black (64%)



- Cyan (85%)
- Magenta (71%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 264A5B 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 264A5B by changing the saturation by 10% instead.



■ 264A5B

■ 264A5B

FFFFFF

■ 0B3343

■ 587B8D

■ 001E2D

■ 7194A8

■ 000119

■ 8CAFC3

■ 000000

■ A7CADF

■ C2E7FB

■ DEFFFF

■ FBFFFF

■ 264A5B

■ 264A5B

■ 1D475B

■ 2F4D5B

■ 14445B

■ 38505B

■ 0B415B

■ 41535B

■ 023E5B

■ 4A565B

■ 003E5B

■ 54595B

■ 5D5C5B

■ 665E5B

■ 6F615B

■ 78645B

# Harmonies

## Analogous

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



1E4C52



264A5B



37475E

# Triad

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



264A5B



5D3D45



404931

# Complementary

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



264A5B



5B3726

# 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.



4D452D



264A5B



5E3E39

# Square

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



264A5B



563E51



584130



324B3A

# Rectangle

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



264A5B



43445C



584130



45482F



# Sweetspot

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



264A5B



616F75



265B37



2F373B



BABABA



3B3B3B



# Same Dimension

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



264A5B



235B75



26305B



292C2E



004A6E



00A1ED



# Inverse Universe

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



5B264A



75235B



5B5126



2E292C



6E004A

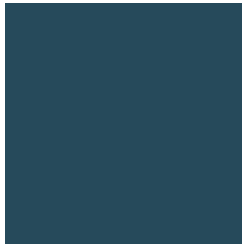


ED00A1



# Previews

## White Background



This preview shows how the Hex color 264A5B looks on a white background.

### Color Contrast Check

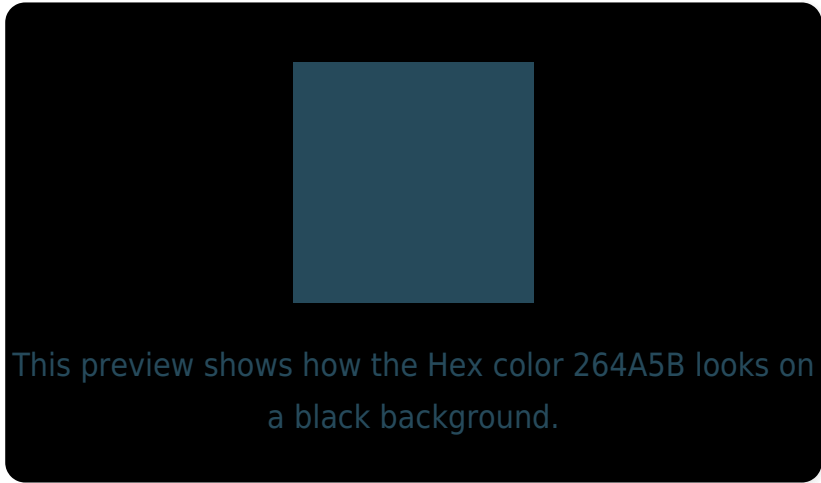
Large Text (above 18pt) WCAG AA ✓ Pass

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

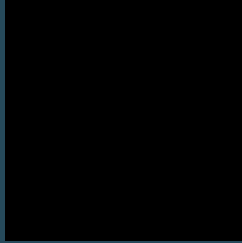
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 264A5B Background



This preview shows how black text looks on a background with the Hex color 264A5B.



This preview shows how white text looks on a background with the Hex color 264A5B.

# 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



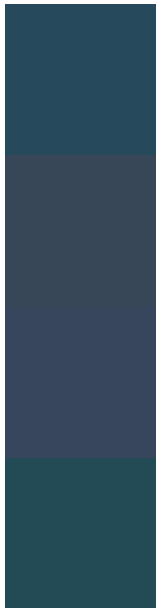
**Original Color**  
264A5B

**Protanopia**  
414557

**Deuteranopia**  
40445C



# Trichromacy



**Original Color**  
264A5B

**Protanomaly**  
374758

**Deuteranomaly**  
37465C

**Tritanomaly**  
234B55

# Monochromacy



**Original Color**  
264A5B

**Achromatopsia**  
414141

**Achromatomaly**  
37444A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 264A5B 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 #264A5B looks like.

```
.text, #text, p{  
    color:#264A5B  
}
```

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 #264A5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #264A5B
}
```

## Border

The CSS property to change the border of an element to Hex 264A5B 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
#264A5B }
```

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

```
.border{ border-color:#264A5B }
```

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

Here you see how a box with a 4 pixel #264A5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #264A5B; -webkit-box-shadow:4px 4px  
4px 4px #264A5B; box-shadow:4px 4px 4px  
4px #264A5B }
```

# Background

The CSS property to change the background color of an element to Hex 264A5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#264A5B }
```

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

```
.background{ background-color:#264A5B }
```

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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