

# Converting Colors

Hex(264B3F)

Have a look what the booklet for  
Hex(264B3F) contains.

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# Color

Hex(264B3F)

# Conversions

## Conversions Part 1

Format	Color
Hex	264B3F
RGB	38, 75, 63
RGB Percent	15%, 29%, 25%
CMY	0.8510, 0.7059, 0.7529
CMYK	0.49, 0.00, 0.16, 0.71
HSL	161°, 33%, 22%
HSV	161°, 49%, 29%
XYZ	4.2126, 5.8031, 5.6007
YIQ	62.5690, -18.2000, -11.5760

# Conversions

## Conversions Part 2

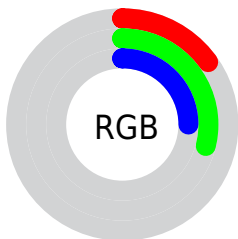
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	38, 60, 75
Decimal	2509631
CIE Lab	28.91, -16.63, 3.05
CIE LCh	29, 16.910, 169.605
Yxy	5.8031, 0.2698, 0.3716
Android (android.graphics.Color)	4280699711 (0xFF264B3F)
YUV	62.5690, 0.2125, -21.5470
Hunter-Lab	24.0896, -10.9422, 3.0781

# Details

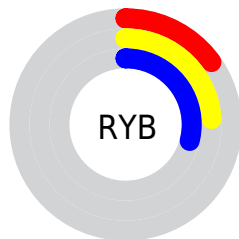
The Hex color **264B3F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4B2632**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **567C6F**, and **001F15** is the 20% darker color. If you saturate the color by 10%, you get **1E4B3D**, and if you desaturate by 10%, it is **2E4B41**.

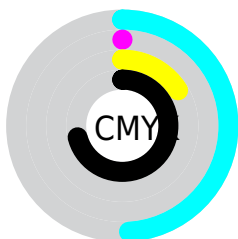
# Distribution



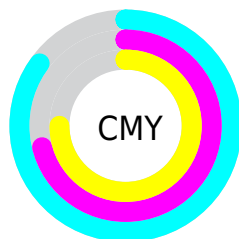
- Red (15%)
- Green (29%)
- Blue (25%)



- Red (15%)
- Yellow (24%)
- Blue (29%)



- Cyan (49%)
- Magenta (0%)
- Yellow (16%)
- Black (71%)



- Cyan (85%)
- Magenta (71%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 264B3F 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 264B3F by changing the saturation by 10% instead.





264B3F



264B3F

FFFFFF



0E3429



567C6F



001F15



6F9688



000000



88B1A2



A3CCBD



BEE8D9



DAFFF5



F7FFFF



264B3F



264B3F

■ 1E4B3D

■ 2E4B41

■ 174B3A

■ 354B44

■ 0F4B38

■ 3D4B46

■ 084B35

■ 444B49

■ 004B33

■ 4C4B4B

■ 534B4E

■ 5A4B50

■ 624B52

■ 6A4B55

# Harmonies

## Analogous

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



364933



264B3F



194B4C

# Triad

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



264B3F



40425D



5A3D31

# Complementary

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



264B3F



4B2632

# 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.



5E3B3C



264B3F



503E55

# Square

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



264B3F



2C475E



5B3B49



51422B

# Rectangle

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



264B3F



184A54



5B3B49



5C3C34



# Sweetspot

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



264B3F



52615C



324B26



28302E



B0B0B0



303030



# Same Dimension

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



264B3F



28614E



26454B



222625



006645



00E69B



# Inverse Universe

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



4B2632



61283A



4B2C26



262224



660021

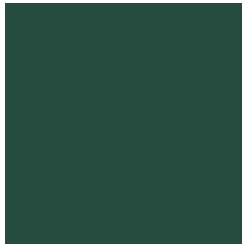


E6004A



# Previews

## White Background



This preview shows how the Hex color 264B3F looks on a white background.

## Color Contrast Check

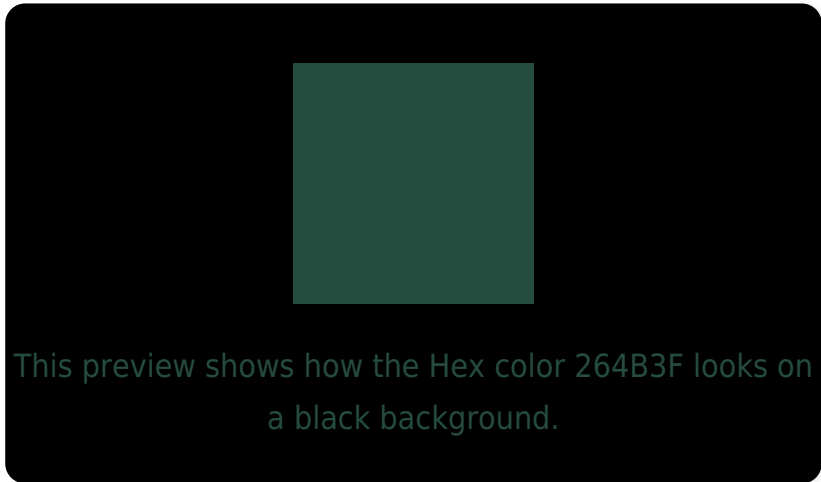
Large Text (above 18pt) WCAG AA ✓ Pass

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

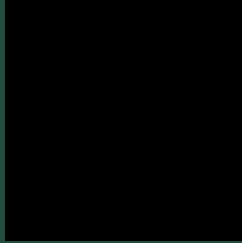
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 264B3F Background



This preview shows how black text looks on a background with the Hex color 264B3F.



This preview shows how white text looks on a background with the Hex color 264B3F.

# 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](#).

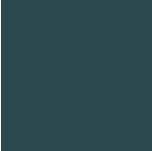
## Dichromacy



**Original Color**  
264B3F

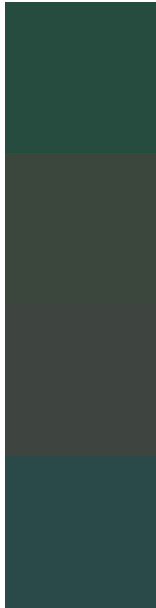
**Protanopia**  
47443B

**Deuteranopia**  
4C4241



**Tritanopia**  
2B494F

# Trichromacy



**Original Color**  
264B3F

**Protanomaly**  
3B473C

**Deuteranomaly**  
3E4540

**Tritanomaly**  
294A49

# Monochromacy



**Original Color**  
264B3F

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
36433F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 264B3F 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 #264B3F looks like.

```
.text, #text, p{  
    color:#264B3F  
}
```

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 #264B3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #264B3F
}
```

## Border

The CSS property to change the border of an element to Hex 264B3F 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
#264B3F }
```

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

```
.border{ border-color:#264B3F }
```

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

Here you see how a box with a 4 pixel #264B3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #264B3F; -webkit-box-shadow:4px 4px  
4px 4px #264B3F; box-shadow:4px 4px 4px  
4px #264B3F }
```

# Background

The CSS property to change the background color of an element to Hex 264B3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#264B3F }
```

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

```
.background{ background-color:#264B3F }
```

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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