

# Converting Colors

Hex(264F53)

Have a look what the booklet for  
Hex(264F53) contains.

<b>Hex(264F53)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(264F53)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	264F53
RGB	38, 79, 83
RGB Percent	15%, 31%, 33%
CMY	0.8510, 0.6902, 0.6745
CMYK	0.54, 0.05, 0.00, 0.67
HSL	185°, 37%, 24%
HSV	185°, 54%, 33%
XYZ	5.1566, 6.6286, 9.1913
YIQ	67.1970, -25.7200, -7.4480

# Conversions

## Conversions Part 2

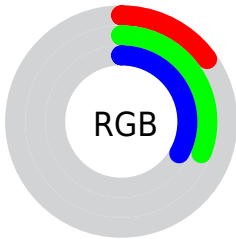
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 59, 83
Decimal	2510675
CIE Lab	30.95, -13.07, -6.79
CIE LCh	31, 14.729, 207.463
Yxy	6.6286, 0.2458, 0.3160
Android (android.graphics.Color)	4280700755 (0xFF264F53)
YUV	67.1970, 7.7909, -25.6058
Hunter-Lab	25.7460, -9.3039, -3.1442

# Details

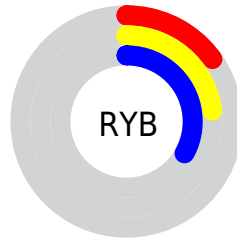
The Hex color **264F53** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **532A26**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **578084**, and **002226** is the 20% darker color. If you saturate the color by 10%, you get **1E4E53**, and if you desaturate by 10%, it is **2E5053**.

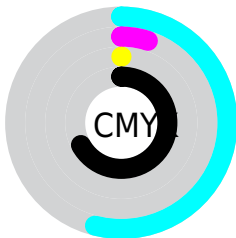
# Distribution



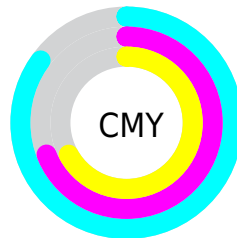
- Red (15%)
- Green (31%)
- Blue (33%)



- Red (15%)
- Yellow (23%)
- Blue (33%)



- Cyan (54%)
- Magenta (5%)
- Yellow (0%)
- Black (67%)



- Cyan (85%)
- Magenta (69%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 264F53 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 264F53 by changing the saturation by 10% instead.



■ 264F53

■ 264F53

FFFFFF

■ 0C383C

■ 578084

■ 002226

■ 719A9F

■ 000712

■ 8BB5B9

■ 000000

■ A6D1D5

■ C1EDF1

■ DEFFFF

■ FAFFFF

■ 264F53

■ 264F53

■ 1E4E53

■ 2E5053

■ 154E53

■ 375053

■ 0D4D53

■ 3F5153

■ 054C53

■ 475253

■ 004C53

■ 4F5353

■ 585353

■ 605453

■ 685553

■ 715653

# Harmonies

## Analogous

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



2D4F47



264F53



2B4D5C

# Triad

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



264F53



574355



524832

# Complementary

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



264F53



532A26

# 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.



5B4436



264F53



5F404A

# Square

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



264F53



49465D



60413F



464B34

# Rectangle

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



264F53



344B5F



60413F



564633



# Sweetspot

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



264F53



5A6A6B



26532A



2B3536



B5B5B5



363636



# Same Dimension

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



264F53



25656B



263953



252829



005F69



00D3E8



# Inverse Universe

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



53264F



6B2565



534026



292528



69005F

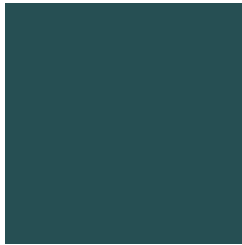


E800D3



# Previews

## White Background



This preview shows how the Hex color 264F53 looks on a white background.

## Color Contrast Check

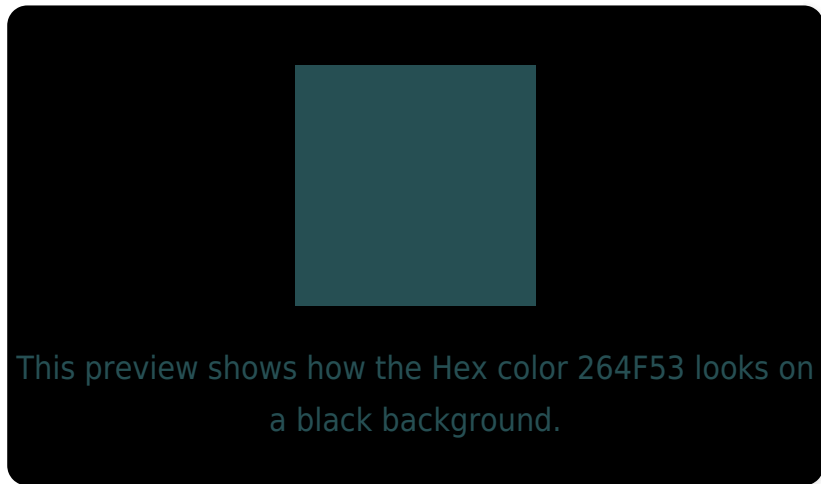
Large Text (above 18pt) WCAG AA ✓ Pass

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

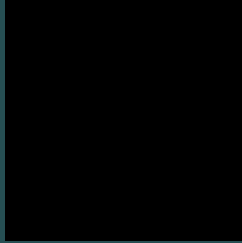
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 264F53 Background



This preview shows how black text looks on a background with the Hex color 264F53.



This preview shows how white text looks on a background with the Hex color 264F53.

# 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**  
264F53

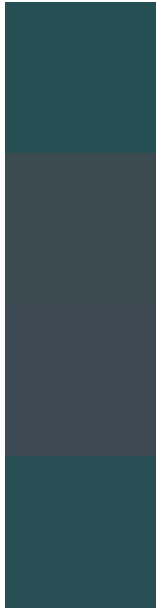
**Protanopia**  
48484F

**Deuteranopia**  
4A4755



**Tritanopia**  
274F55

# Trichromacy



**Original Color**  
264F53

**Protanomaly**  
3C4B50

**Deuteranomaly**  
3D4A54

**Tritanomaly**  
274F54

# Monochromacy



**Original Color**  
264F53

**Achromatopsia**  
434343

**Achromatomaly**  
384749

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 264F53 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 #264F53 looks like.

```
.text, #text, p{  
    color:#264F53  
}
```

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 #264F53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #264F53  
}
```

## Border

The CSS property to change the border of an element to Hex 264F53 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  
#264F53 }
```

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

```
.border{ border-color:#264F53 }
```

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

Here you see how a box with a 4 pixel #264F53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #264F53; -webkit-box-shadow:4px 4px  
4px 4px #264F53; box-shadow:4px 4px 4px  
4px #264F53 }
```

# Background

The CSS property to change the background color of an element to Hex 264F53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#264F53 }
```

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

```
.background{ background-color:#264F53 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor