

# Converting Colors

Hex(254E67)

Have a look what the booklet for  
Hex(254E67) contains.

<b>Hex(254E67)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(254E67)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	254E67
RGB	37, 78, 103
RGB Percent	15%, 31%, 40%
CMY	0.8549, 0.6941, 0.5961
CMYK	0.64, 0.24, 0.00, 0.60
HSL	203°, 47%, 27%
HSV	203°, 64%, 40%
XYZ	5.9355, 6.8214, 13.8358
YIQ	68.5910, -32.4610, -0.9170

# Conversions

## Conversions Part 2

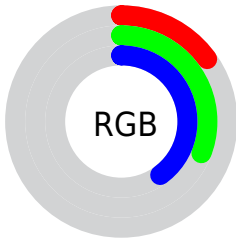
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 62, 103
Decimal	2444903
CIELab	31.40, -5.93, -18.83
CIELCh	31, 19.741, 252.531
Yxy	6.8214, 0.2232, 0.2565
Android (android.graphics.Color)	4280634983 (0xFF254E67)
YUV	68.5910, 16.9636, -27.7053
Hunter-Lab	26.1177, -5.1401, -13.1262

# Details

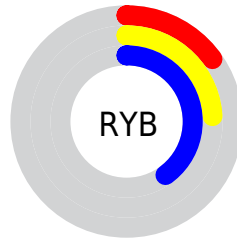
The Hex color **254E67** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **673E25**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **597F9A**, and **002238** is the 20% darker color. If you saturate the color by 10%, you get **1B4A67**, and if you desaturate by 10%, it is **2F5267**.

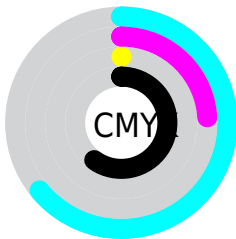
# Distribution



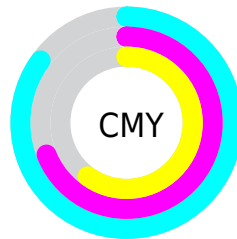
- Red (15%)
- Green (31%)
- Blue (40%)



- Red (15%)
- Yellow (24%)
- Blue (40%)



- Cyan (64%)
- Magenta (24%)
- Yellow (0%)
- Black (60%)



- Cyan (85%)
- Magenta (69%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 254E67 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 254E67 by changing the saturation by 10% instead.





254E67



254E67

FFFFFF



05374F



597F9A



002238



7399B5



000C23



8DB4D1



00000A



A9CFED



000000



C5EBFF



E1FFFF



FEFFFF



254E67



254E67

■ 1B4A67

■ 2F5267

■ 104667

■ 3A5667

■ 064267

■ 445A67

■ 004067

■ 4E5E67

■ 596267

■ 636567

■ 6D6967

■ 776D67

■ 827167

# Harmonies

## Analogous

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



10515E



254E67



3E4968

# Triad

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



254E67



683E44



3D4F33

# Complementary

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



254E67



673E25

# 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.



4E4B2B



254E67



664136

# Square

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



254E67



623F54



5C462D



2A5240

# Rectangle

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



254E67



4D4564



5C462D



434E2F



# Sweetspot

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



254E67



6D7D87



25673D



353F45



C4C4C4



454545



# Same Dimension

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



254E67



1F6087



252E67



2E3133



004773



0096F2



# Inverse Universe

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



67254E



871F60



675E25



332E31



730047

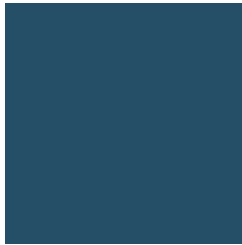


F20096



# Previews

## White Background



This preview shows how the Hex color 254E67 looks on a white background.

## Color Contrast Check

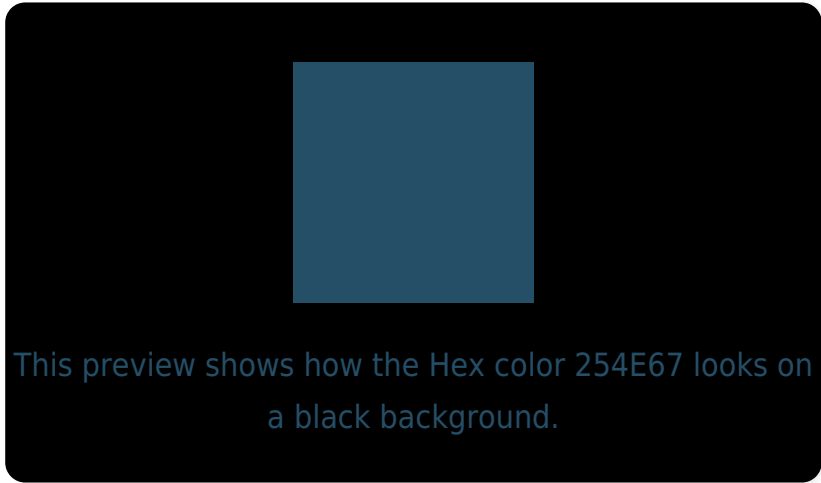
Large Text (above 18pt) WCAG AA ✓ Pass

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

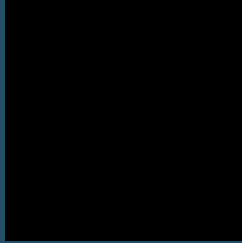
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 254E67 Background



This preview shows how black text looks on a background with the Hex color 254E67.



This preview shows how white text looks on a background with the Hex color 254E67.

# 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](#).

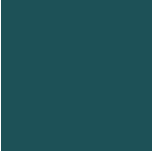
## Dichromacy



**Original Color**  
254E67

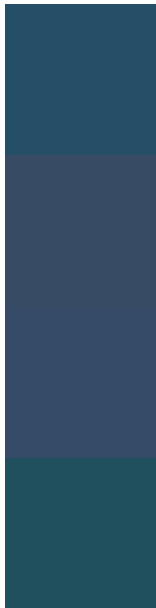
**Protanopia**  
424963

**Deuteranopia**  
3F4968



**Tritanopia**  
1D5157

# Trichromacy



**Original Color**  
254E67

**Protanomaly**  
374B64

**Deuteranomaly**  
364B68

**Tritanomaly**  
20505D

# Monochromacy



**Original Color**  
254E67

**Achromatopsia**  
454545

**Achromatomaly**  
394851

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 254E67 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 #254E67 looks like.

```
.text, #text, p{  
    color:#254E67  
}
```

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 #254E67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254E67  
}
```

## Border

The CSS property to change the border of an element to Hex 254E67 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  
#254E67 }
```

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

```
.border{ border-color:#254E67 }
```

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

Here you see how a box with a 4 pixel #254E67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254E67; -webkit-box-shadow:4px 4px  
4px 4px #254E67; box-shadow:4px 4px 4px  
4px #254E67 }
```

# Background

The CSS property to change the background color of an element to Hex 254E67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254E67 }
```

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

```
.background{ background-color:#254E67 }
```

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