

Converting Colors

Hex(253E65)

Have a look what the booklet for
Hex(253E65) contains.

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Color

Hex(253E65)

Conversions

Conversions Part 1

Format	Color
Hex	253E65
RGB	37, 62, 101
RGB Percent	15%, 24%, 40%
CMY	0.8549, 0.7569, 0.6039
CMYK	0.63, 0.39, 0.00, 0.60
HSL	217°, 46%, 27%
HSV	217°, 63%, 40%
XYZ	4.8345, 4.7781, 12.9794
YIQ	58.9710, -27.4190, 6.8290

Conversions

Conversions Part 2

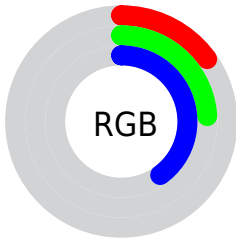
Format	Color
R_{YB}	37, 55, 101
Decimal	2440805
CIE Lab	26.09, 3.82, -25.86
CIE LCh	26, 26.137, 278.407
Yxy	4.7781, 0.2140, 0.2115
Android (android.graphics.Color)	4280630885 (0xFF253E65)
YUV	58.9710, 20.7203, -19.2686
Hunter-Lab	21.8590, 1.2255, -19.9038

Details

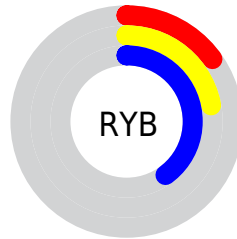
The Hex color **253E65** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **654C25**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **586D98**, and **001436** is the 20% darker color. If you saturate the color by 10%, you get **1B3865**, and if you desaturate by 10%, it is **2F4465**.

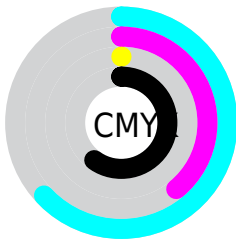
Distribution



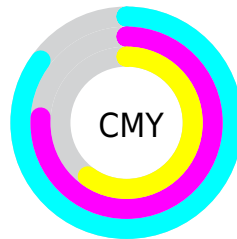
- Red (15%)
- Green (24%)
- Blue (40%)



- Red (15%)
- Yellow (22%)
- Blue (40%)



- Cyan (63%)
- Magenta (39%)
- Yellow (0%)
- Black (60%)



- Cyan (85%)
- Magenta (76%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253E65 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 253E65 by changing the saturation by 10% instead.

■ 253E65

■ 253E65

FFFFFF

■ 06284D

■ 586D98

■ 001436

■ 7286B3

■ 000220

■ 8DA1CF

■ 000005

■ A8BCEB

■ 000000

■ C3D7FF

■ E0F4FF

■ FDFFFF

■ 253E65

■ 253E65

■ 1B3865

■ 2F4465

■ 113265

■ 394A65

■ 072C65

■ 435065

■ 002765

■ 4D5765

■ 585D65

■ 626365

■ 6C6965

■ 766F65

■ 807565

Harmonies

Analogous

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



004462



253E65



47365D

Triad

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



253E65



603026



10472E

Complementary

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



253E65



654C25

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.



2F441D



253E65



553818

Square

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



253E65



632D39



443E15



004843

Rectangle

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



253E65



553153



443E15



1D4628

Sweetspot

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



253E65



697382



25654B



333942



C2C2C2



424242

Same Dimension

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



253E65



1F4682



2B2565



2E3033



002D73



005FF2

Inverse Universe

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



65253E



821F46



5F6525



332E30



73002D



F2005F

Previews

White Background



This preview shows how the Hex color 253E65 looks on a white background.

Color Contrast Check

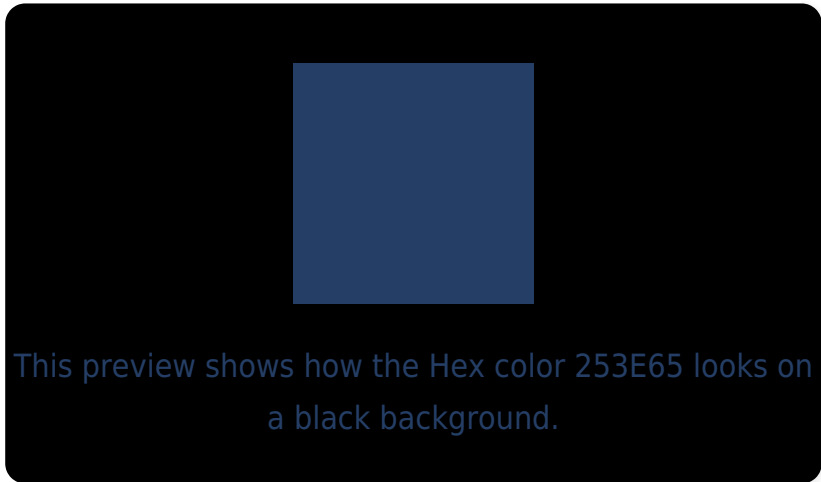
Large Text (above 18pt) WCAG AA ✓ Pass

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

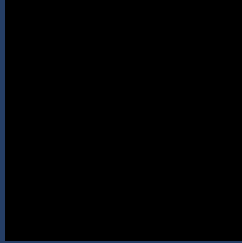
Any Text WCAG AA × Fail

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 253E65 Background



This preview shows how black text looks on a background with the Hex color 253E65.



This preview shows how white text looks on a background with the Hex color 253E65.

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](#).

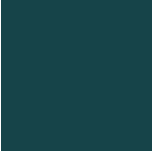
Dichromacy



Original Color
253E65

Protanopia
2E3C64

Deuteranopia
253E65



Tritanopia
164449

Trichromacy



Original Color
253E65

Protanomaly
2B3D64

Deuteranomaly
253E65

Tritanomaly
1B4253

Monochromacy



Original Color
253E65

Achromatopsia
3B3B3B

Achromatomaly
333C4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 253E65 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 #253E65 looks like.

```
.text, #text, p{  
    color:#253E65  
}
```

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 #253E65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253E65
}
```

Border

The CSS property to change the border of an element to Hex 253E65 is called "border". The border property can be set on classes, ids or directly on the HTML element.

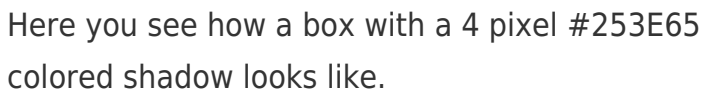
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#253E65 }
```

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

```
.border{ border-color:#253E65 }
```

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



Here you see how a box with a 4 pixel #253E65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #253E65; -webkit-box-shadow:4px 4px  
4px 4px #253E65; box-shadow:4px 4px 4px  
4px #253E65 }
```

Background

The CSS property to change the background color of an element to Hex 253E65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253E65 }
```

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

```
.background{ background-color:#253E65 }
```

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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