

Converting Colors

Hex(253D54)

Have a look what the booklet for
Hex(253D54) contains.

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Color

Hex(253D54)

Conversions

Conversions Part 1

Format	Color
Hex	253D54
RGB	37, 61, 84
RGB Percent	15%, 24%, 33%
CMY	0.8549, 0.7608, 0.6706
CMYK	0.56, 0.27, 0.00, 0.67
HSL	209°, 39%, 24%
HSV	209°, 56%, 33%
XYZ	4.0319, 4.3709, 9.0187
YIQ	56.4460, -21.6870, 2.0650

Conversions

Conversions Part 2

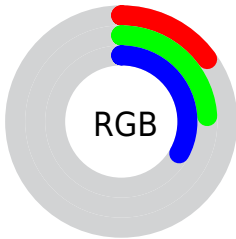
Format	Color
R_{YB}	37, 53, 84
Decimal	2440532
CIE _{Lab}	24.86, -1.75, -16.73
CIE _{LCh}	25, 16.822, 264.035
Yxy	4.3709, 0.2314, 0.2509
Android (android.graphics.Color)	4280630612 (0xFF253D54)
YUV	56.4460, 13.5841, -17.0541
Hunter-Lab	20.9067, -2.1624, -10.9417

Details

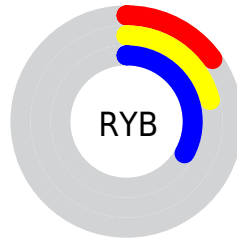
The Hex color **253D54** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **543C25**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **556C86**, and **001327** is the 20% darker color. If you saturate the color by 10%, you get **1D3954**, and if you desaturate by 10%, it is **2D4154**.

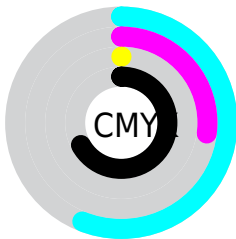
Distribution



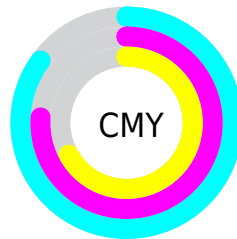
- Red (15%)
- Green (24%)
- Blue (33%)



- Red (15%)
- Yellow (21%)
- Blue (33%)



- Cyan (56%)
- Magenta (27%)
- Yellow (0%)
- Black (67%)



- Cyan (85%)
- Magenta (76%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253D54 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 253D54 by changing the saturation by 10% instead.

■ 253D54

■ 253D54

FFFFFF

■ 0C273D

■ 556C86

■ 001327

■ 6F85A0

■ 000111

■ 89A0BB

■ 000000

■ A3BBD7

■ BFD6F3

■ DBF3FF

■ F8FFFF

■ 253D54

■ 253D54

■ 1D3954

■ 2D4154

■ 143554

■ 364554

■ 0C3154

■ 3E4954

■ 032D54

■ 474D54

■ 002B54

■ 4F5254

■ 575654

■ 605A54

■ 685E54

■ 716254

Harmonies

Analogous

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



11404F



253D54



393952

Triad

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



253D54



543231



2A402C

Complementary

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



253D54



543C25

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.



393D23



253D54



4F3527

Square

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



253D54



52313E



463922



1A4238

Rectangle

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



253D54



44364D



463922



2F3F28

Sweetspot

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



253D54



5B656E



25543C



2D3338



B8B8B8



383838

Same Dimension

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



253D54



244A6E



252654



252729



003569



0076E8

Inverse Universe

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



54253D



6E244A



545325



292527



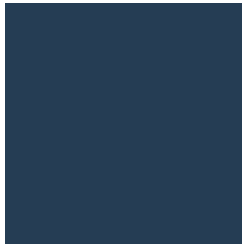
690035



E80076

Previews

White Background



This preview shows how the Hex color 253D54 looks on a white background.

Color Contrast Check

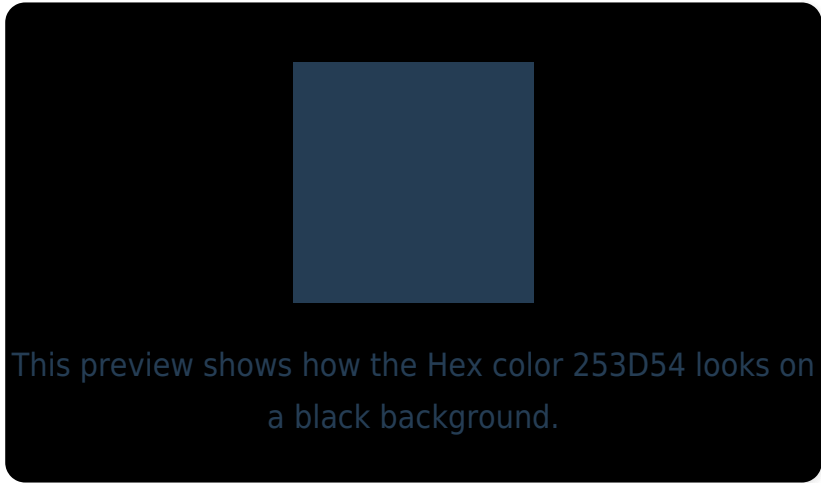
Large Text (above 18pt) WCAG AA ✓ Pass

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

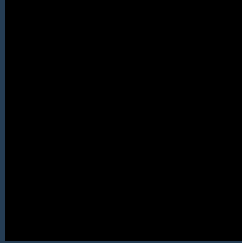
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

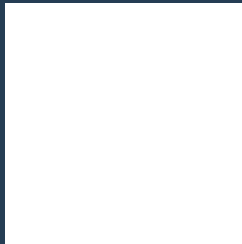
Any Text WCAG AAA × Fail

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

Hex 253D54 Background



This preview shows how black text looks on a background with the Hex color 253D54.



This preview shows how white text looks on a background with the Hex color 253D54.

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
253D54

Protanopia
343A52

Deuteranopia
313A55



Tritanopia
1F4045

Trichromacy



Original Color
253D54

Protanomaly
2F3B53

Deuteranomaly
2D3B55

Tritanomaly
213F4A

Monochromacy



Original Color
253D54

Achromatopsia
383838

Achromatomaly
313A42

CSS Examples

Text

The CSS property to change the color of the text to Hex 253D54 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 #253D54 looks like.

```
.text, #text, p{  
    color:#253D54  
}
```

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 #253D54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253D54
}
```

Border

The CSS property to change the border of an element to Hex 253D54 is called "border". The border property can be set on classes, ids or directly on the HTML element.

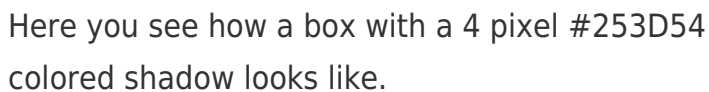
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#253D54 }
```

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

```
.border{ border-color:#253D54 }
```

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



Here you see how a box with a 4 pixel #253D54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #253D54; -webkit-box-shadow:4px 4px  
4px 4px #253D54; box-shadow:4px 4px 4px  
4px #253D54 }
```

Background

The CSS property to change the background color of an element to Hex 253D54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253D54 }
```

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

```
.background{ background-color:#253D54 }
```

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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