

Converting Colors

Hex(253345)

Have a look what the booklet for
Hex(253345) contains.

Hex(253345)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(253345)

Conversions

Conversions Part 1

Format	Color
Hex	253345
RGB	37, 51, 69
RGB Percent	15%, 20%, 27%
CMY	0.8549, 0.8000, 0.7294
CMYK	0.46, 0.26, 0.00, 0.73
HSL	214°, 30%, 21%
HSV	214°, 46%, 27%
XYZ	3.0210, 3.1906, 6.0869
YIQ	48.8660, -14.1220, 2.6300

Conversions

Conversions Part 2

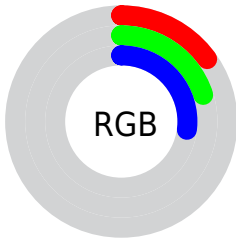
Format	Color
RYB	37, 47, 69
Decimal	2437957
CIELab	20.79, -0.20, -13.04
CIELCh	21, 13.040, 269.106
Yxy	3.1906, 0.2456, 0.2594
Android (android.graphics.Color)	4280628037 (0xFF253345)
YUV	48.8660, 9.9261, -10.4065
Hunter-Lab	17.8624, -1.0705, -7.7003




Details

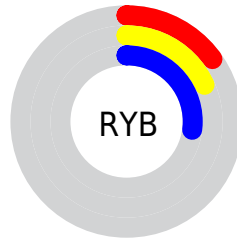
The Hex color **253345** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **453725**, and the grayscale version is **313131**.




A 20% lighter version of the original color is **536175**, and **00041A** is the 20% darker color. If you saturate the color by 10%, you get **1E2F45**, and if you desaturate by 10%, it is **2C3745**.

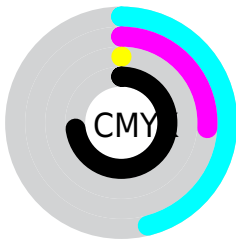
Distribution







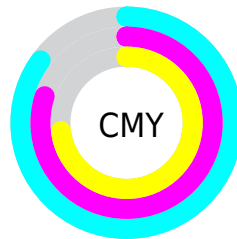
-  Red (15%)
-  Green (20%)
-  Blue (27%)






-  Red (15%)
-  Yellow (18%)
-  Blue (27%)



-  Cyan (46%)
-  Magenta (26%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (85%)
-  Magenta (80%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253345 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 253345 by changing the saturation by 10% instead.

■ 253345

■ 253345

FFFFFF

■ 0F1E2F

■ 536175

■ 00041A

■ 6C7A8F

■ 000000

■ 8694A9

■ A0AEC5

■ BBCAE1

■ D7E6FD

■ F4FFFF

■ 253345

■ 253345

■ 1E2F45

■ 2C3745

■ 172B45

■ 333B45

■ 102745

■ 3A3F45

■ 092345

■ 414345

■ 032045

■ 484645

■ 001E45

■ 4E4A45

■ 554E45

■ 5C5245

■ 635645

Harmonies

Analogous

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



183642



253345



333043

Triad

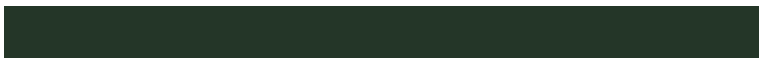
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



253345



452C29



243628

Complementary

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



253345



453725

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.



2F3421



253345



412E22

Square

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



253345



442B33



39311F



193731

Rectangle

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



253345



3B2D3F



39311F



283625

Sweetspot

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



253345



4D5259



254537



262A2E



ADADAD



2E2E2E

Same Dimension

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



253345



273D59



272545



202224



002C63



0063E3

Inverse Universe

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



452533



59273D



434525



242022



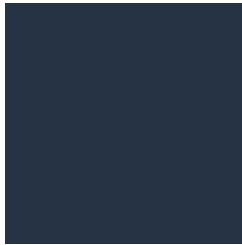
63002C



E30063

Previews

White Background



This preview shows how the Hex color 253345 looks on a white background.

Color Contrast Check

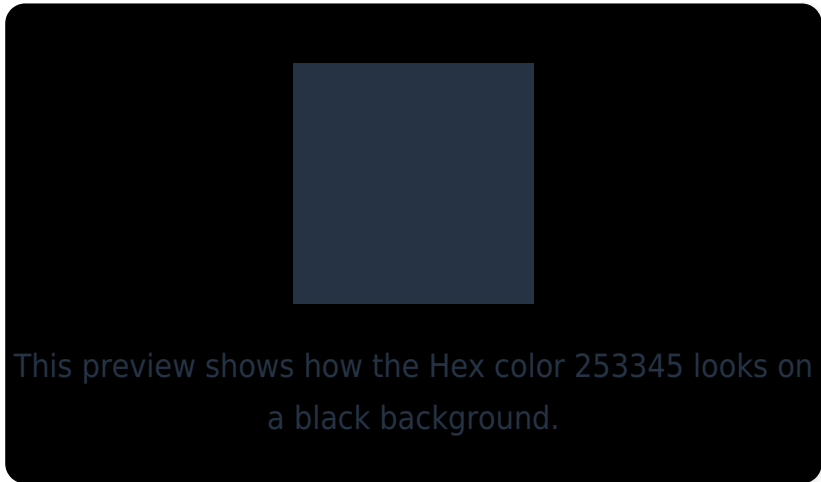
Large Text (above 18pt) WCAG AA ✓ Pass

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

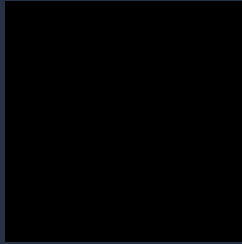
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

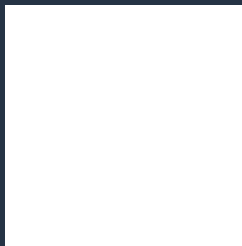
Any Text WCAG AAA × Fail

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

Hex 253345 Background



This preview shows how black text looks on a background with the Hex color 253345.



This preview shows how white text looks on a background with the Hex color 253345.

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
253345

Protanopia
2D3144

Deuteranopia
2C3145

Trichromacy



Original Color
253345

Protanomaly
2A3244

Deuteranomaly
293245

Tritanomaly
23343D

Monochromacy



Original Color
253345

Achromatopsia
313131

Achromatomaly
2D3238

CSS Examples

Text

The CSS property to change the color of the text to Hex 253345 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 #253345 looks like.

```
.text, #text, p{  
    color:#253345  
}
```

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 #253345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253345
}
```

Border

The CSS property to change the border of an element to Hex 253345 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
#253345 }
```

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

```
.border{ border-color:#253345 }
```

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

Here you see how a box with a 4 pixel #253345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #253345; -webkit-box-shadow:4px 4px  
4px 4px #253345; box-shadow:4px 4px 4px  
4px #253345 }
```

Background

The CSS property to change the background color of an element to Hex 253345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253345 }
```

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

```
.background{ background-color:#253345 }
```

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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