

Converting Colors

Hex(243540)

Have a look what the booklet for
Hex(243540) contains.

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Color

Hex(243540)

Conversions

Conversions Part 1

Format	Color
Hex	243540
RGB	36, 53, 64
RGB Percent	14%, 21%, 25%
CMY	0.8588, 0.7922, 0.7490
CMYK	0.44, 0.17, 0.00, 0.75
HSL	204°, 28%, 20%
HSV	204°, 44%, 25%
XYZ	2.9261, 3.2914, 5.3316
YIQ	49.1710, -13.6630, -0.1830

Conversions

Conversions Part 2

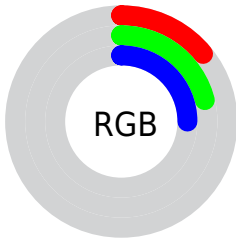
Format	Color
RYB	36, 47, 64
Decimal	2372928
CIELab	21.18, -3.53, -9.07
CIElCh	21, 9.737, 248.732
Yxy	3.2914, 0.2534, 0.2850
Android (android.graphics.Color)	4280563008 (0xFF243540)
YUV	49.1710, 7.3107, -11.5510
Hunter-Lab	18.1423, -2.9598, -4.7242




Details

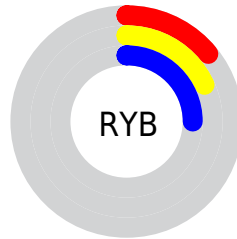
The Hex color **243540** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **402F24**, and the grayscale version is **313131**.




A 20% lighter version of the original color is **526370**, and **000816** is the 20% darker color. If you saturate the color by 10%, you get **1E3240**, and if you desaturate by 10%, it is **2A3840**.

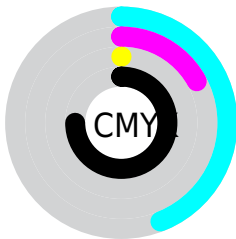
Distribution







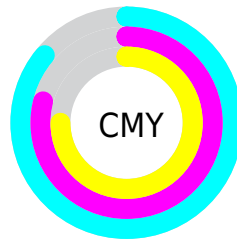
-  Red (14%)
-  Green (21%)
-  Blue (25%)






-  Red (14%)
-  Yellow (18%)
-  Blue (25%)



-  Cyan (44%)
-  Magenta (17%)
-  Yellow (0%)
-  Black (75%)



-  Cyan (86%)
-  Magenta (79%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 243540 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 243540 by changing the saturation by 10% instead.

■ 243540

■ 243540

FFFFFF

■ 0E202A

■ 526370

■ 000816

■ 6B7C89

■ 000000

■ 8496A3

■ 9EB1BE

■ B9CCDA

■ D5E8F7

■ F2FFFF

■ 243540

■ 243540

■ 1E3240

■ 2A3840

■ 173040

■ 313A40

■ 112D40

■ 373D40

■ 0A2B40

■ 3E3F40

■ 042840

■ 444240

■ 002740

■ 4A4440

■ 514740

■ 574940

■ 5E4C40

Harmonies

Analogous

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



1F363C



243540



2D3341

Triad

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



243540



412E31



2E3528

Complementary

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



243540



402F24

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.



363325



243540



412F2A

Square

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



243540



3E2E38



3D3126



26372D

Rectangle

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



243540



34313F



3D3126



313526

Sweetspot

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



243540



495054



24402F



24292B



ABABAB



2B2B2B

Same Dimension

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



243540



284354



242740



1E2021



003B61



0088E0

Inverse Universe

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



402435



542843



403D24



211E20



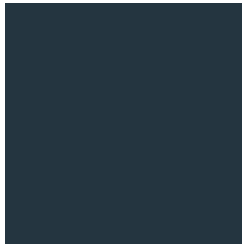
61003B



E00088

Previews

White Background



This preview shows how the Hex color 243540 looks on a white background.

Color Contrast Check

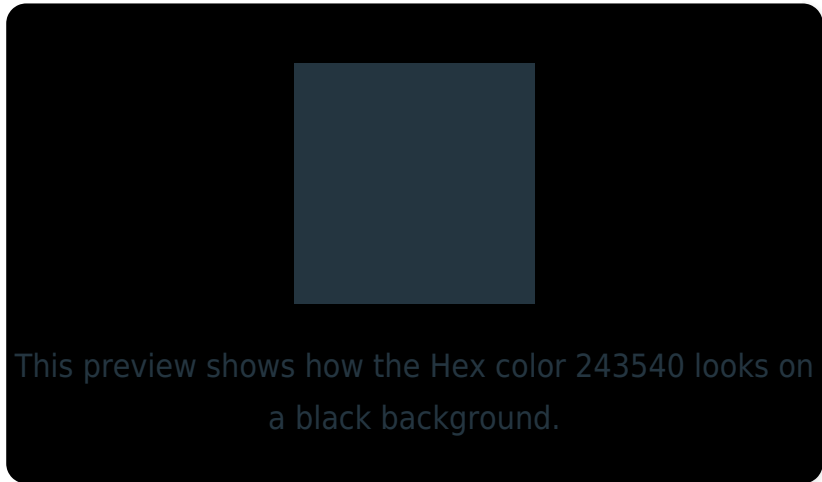
Large Text (above 18pt) WCAG AA ✓ Pass

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

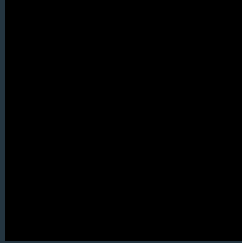
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

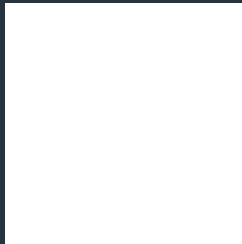
Any Text WCAG AAA × Fail

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

Hex 243540 Background



This preview shows how black text looks on a background with the Hex color 243540.



This preview shows how white text looks on a background with the Hex color 243540.

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](#).

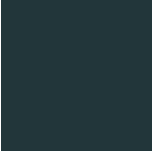
Dichromacy



Original Color
243540

Protanopia
30323E

Deuteranopia
303241



Tritanopia
22363A

Trichromacy



Original Color

243540

Protanomaly

2C333F

Deuteranomaly

2C3341

Tritanomaly

23363C

Monochromacy



Original Color

243540

Achromatopsia

313131

Achromatomaly

2C3236

CSS Examples

Text

The CSS property to change the color of the text to Hex 243540 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 #243540 looks like.

```
.text, #text, p{  
    color:#243540  
}
```

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 #243540 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243540
}
```

Border

The CSS property to change the border of an element to Hex 243540 is called "border". The border property can be set on classes, ids or directly on the HTML element.

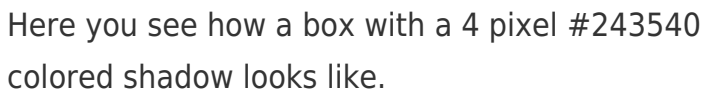
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#243540 }
```

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

```
.border{ border-color:#243540 }
```

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



Here you see how a box with a 4 pixel #243540 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243540; -webkit-box-shadow:4px 4px  
4px 4px #243540; box-shadow:4px 4px 4px  
4px #243540 }
```

Background

The CSS property to change the background color of an element to Hex 243540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243540 }
```

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

```
.background{ background-color:#243540 }
```

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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