

Converting Colors

Hex(243858)

Have a look what the booklet for
Hex(243858) contains.

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Color

Hex(243858)

Conversions

Conversions Part 1

Format	Color
Hex	243858
RGB	36, 56, 88
RGB Percent	14%, 22%, 35%
CMY	0.8588, 0.7804, 0.6549
CMYK	0.59, 0.36, 0.00, 0.65
HSL	217°, 42%, 24%
HSV	217°, 59%, 35%
XYZ	3.9032, 3.9080, 9.7811
YIQ	53.6680, -22.1920, 5.7120

Conversions

Conversions Part 2

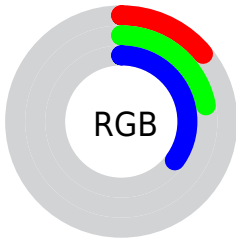
Format	Color
R_{YB}	36, 50, 88
Decimal	2373720
CIE _{Lab}	23.36, 2.83, -21.70
CIE _{LCh}	23, 21.885, 277.421
Yxy	3.9080, 0.2219, 0.2221
Android (android.graphics.Color)	4280563800 (0xFF243858)
YUV	53.6680, 16.9257, -15.4948
Hunter-Lab	19.7687, 0.6484, -15.4974




Details

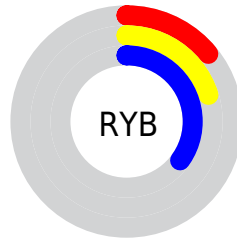
The Hex color **243858** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **584424**, and the grayscale version is **363636**.




A 20% lighter version of the original color is **55678A**, and **000C2A** is the 20% darker color. If you saturate the color by 10%, you get **1B3358**, and if you desaturate by 10%, it is **2D3D58**.

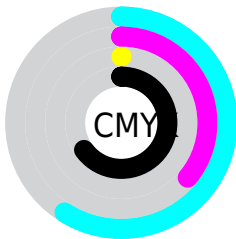
Distribution







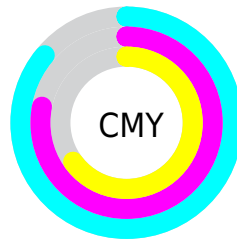
-  Red (14%)
-  Green (22%)
-  Blue (35%)






-  Red (14%)
-  Yellow (20%)
-  Blue (35%)



-  Cyan (59%)
-  Magenta (36%)
-  Yellow (0%)
-  Black (65%)



-  Cyan (86%)
-  Magenta (78%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 243858 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 243858 by changing the saturation by 10% instead.

■ 243858

■ 243858

FFFFFF

■ 092340

■ 55678A

■ 000C2A

■ 6E80A5

■ 000115

■ 899AC0

■ 000000

■ A3B4DC

■ BFD0F8

■ DBECFF

■ F8FFFF

■ 243858

■ 243858

■ 1B3358

■ 2D3D58

■ 122D58

■ 364358

■ 0A2858

■ 3E4858

■ 012258

■ 474E58

■ 002258

■ 505358

■ 595858

■ 625E58

■ 6A6358

■ 736958

Harmonies

Analogous

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



003D56



243858



3E3252

Triad

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



243858



552D25



163F2B

Complementary

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



243858



584424

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.



2C3C1D



243858



4C3219

Square

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



243858



562A34



3E3816



00403B

Rectangle

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



243858



4B2E4A



3E3816



1E3E25

Sweetspot

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



243858



5E6673



245843



2E333B



BABABA



3B3B3B

Same Dimension

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



243858



214173



292458



27292B



00296B



005AEB

Inverse Universe

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



582438



732141



535824



2B2729



6B0029



EB005A

Previews

White Background



This preview shows how the Hex color 243858 looks on a white background.

Color Contrast Check

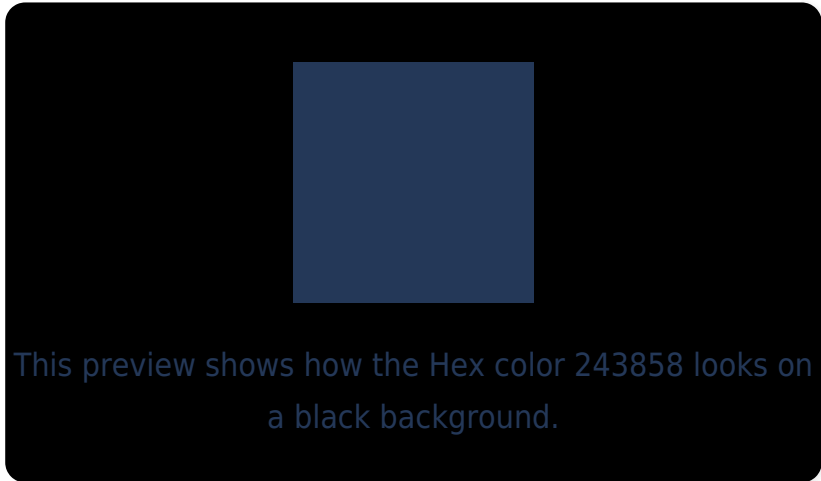
Large Text (above 18pt) WCAG AA ✓ Pass

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

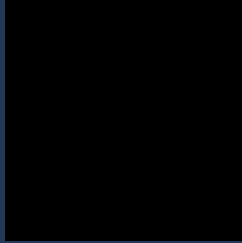
Any Text WCAG AA × Fail

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 243858 Background



This preview shows how black text looks on a background with the Hex color 243858.



This preview shows how white text looks on a background with the Hex color 243858.

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
243858

Protanopia
2C3757

Deuteranopia
263858



Tritanopia
1A3D42

Trichromacy



Original Color
243858

Protanomaly
293757

Deuteranomaly
253858

Tritanomaly
1E3B4A

Monochromacy



Original Color
243858

Achromatopsia
363636

Achromatomaly
2F3742

CSS Examples

Text

The CSS property to change the color of the text to Hex 243858 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 #243858 looks like.

```
.text, #text, p{  
    color:#243858  
}
```

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 #243858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243858  
}
```

Border

The CSS property to change the border of an element to Hex 243858 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  
#243858 }
```

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

```
.border{ border-color:#243858 }
```

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

Here you see how a box with a 4 pixel #243858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243858; -webkit-box-shadow:4px 4px  
4px 4px #243858; box-shadow:4px 4px 4px  
4px #243858 }
```

Background

The CSS property to change the background color of an element to Hex 243858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243858 }
```

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

```
.background{ background-color:#243858 }
```

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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