

Converting Colors

Hex(18243F)

Have a look what the booklet for
Hex(18243F) contains.

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Color

Hex(18243F)

Conversions

Conversions Part 1

Format	Color
Hex	18243F
RGB	24, 36, 63
RGB Percent	9%, 14%, 25%
CMY	0.9059, 0.8588, 0.7529
CMYK	0.62, 0.43, 0.00, 0.75
HSL	222°, 45%, 17%
HSV	222°, 62%, 25%
XYZ	1.9048, 1.8148, 4.9525
YIQ	35.4900, -15.8190, 5.8530

Conversions

Conversions Part 2

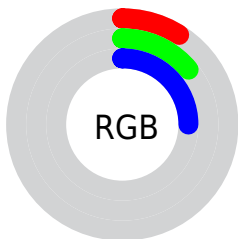
Format	Color
R _Y B	24, 33, 63
Decimal	1582143
CIE Lab	14.48, 4.42, -18.83
CIE LCh	14, 19.345, 283.196
Yxy	1.8148, 0.2196, 0.2093
Android (android.graphics.Color)	4279772223 (0xFF18243F)
YUV	35.4900, 13.5624, -10.0767
Hunter-Lab	13.4715, 1.6633, -12.3666

Details

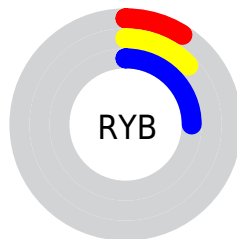
The Hex color **18243F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **3F3318**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **47506F**, and **000114** is the 20% darker color. If you saturate the color by 10%, you get **12203F**, and if you desaturate by 10%, it is **1E283F**.

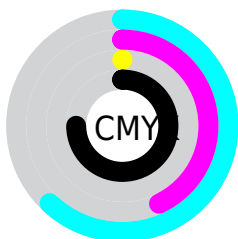
Distribution



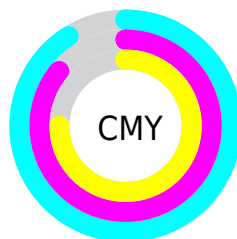
- Red (9%)
- Green (14%)
- Blue (25%)



- Red (9%)
- Yellow (13%)
- Blue (25%)



- Cyan (62%)
- Magenta (43%)
- Yellow (0%)
- Black (75%)



- Cyan (91%)
- Magenta (86%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18243F 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 18243F by changing the saturation by 10% instead.

■ 18243F

■ 18243F

FFFFFF

■ 010F29

■ 47506F

■ 000114

■ 5F6888

■ 000000

■ 7881A3

■ 929BBE

■ ADB6DA

■ C9D2F6

■ E5EEFF

■ 18243F

■ 18243F

■ 12203F

■ 1E283F

■ 0B1B3F

■ 252D3F

■ 05173F

■ 2B313F

■ 00133F

■ 31353F

■ 383A3F

■ 3E3E3F

■ 44433F

■ 4A473F

■ 514B3F

Harmonies

Analogous

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



00283E



18243F



2D1F38

Triad

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



18243F



3B1C12



022B1C

Complementary

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



18243F



3F3318

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.



182910



18243F



332107

Square

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



18243F



3E191F



272606



002B2A

Rectangle

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



18243F



361B31



272606



0A2A18

Sweetspot

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



18243F



424752



183F33



1F2229



A8A8A8



292929

Same Dimension

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



18243F



152852



1F183F



1C1C1F



001D5E



0044DE

Inverse Universe

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



3F1824



521528



383F18



1F1C1C



5E001D



DE0044

Previews

White Background



This preview shows how the Hex color 18243F looks on a white background.

Color Contrast Check

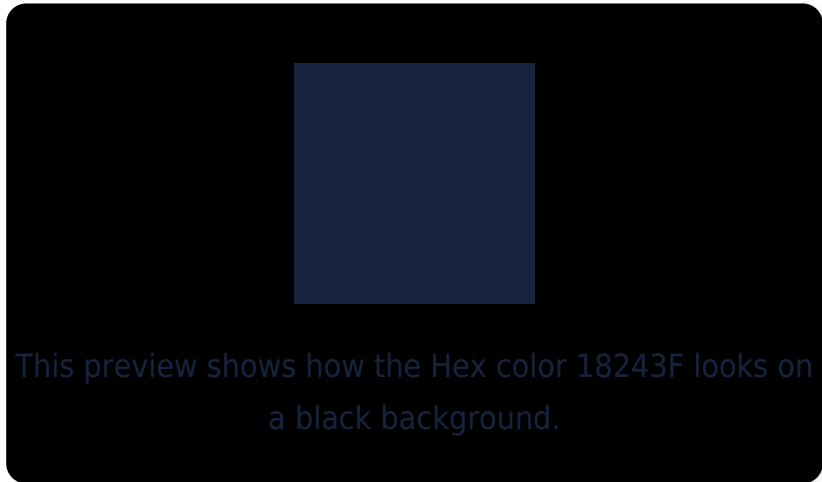
Large Text (above 18pt) WCAG AA ✓ Pass

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

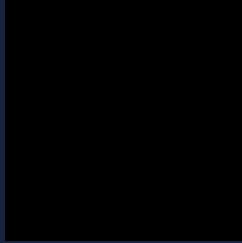
Any Text WCAG AA × Fail

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 18243F Background



This preview shows how black text looks on a background with the Hex color 18243F.



This preview shows how white text looks on a background with the Hex color 18243F.

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
18243F

Protanopia
19243F

Deuteranopia
11253F



Tritanopia
0E282C

Trichromacy



Original Color
18243F

Protanomaly
19243F

Deuteranomaly
14253F

Tritanomaly
122733

Monochromacy



Original Color
18243F

Achromatopsia
232323

Achromatomaly
1F232D

CSS Examples

Text

The CSS property to change the color of the text to Hex 18243F 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 #18243F looks like.

```
.text, #text, p{  
    color:#18243F  
}
```

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 #18243F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18243F
}
```

Border

The CSS property to change the border of an element to Hex 18243F is called "border". The border property can be set on classes, ids or directly on the HTML element.

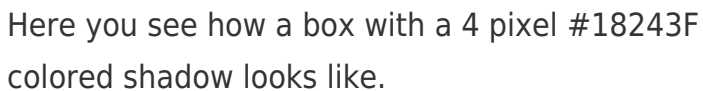
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#18243F }
```

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

```
.border{ border-color:#18243F }
```

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



Here you see how a box with a 4 pixel #18243F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18243F; -webkit-box-shadow:4px 4px  
4px 4px #18243F; box-shadow:4px 4px 4px  
4px #18243F }
```

Background

The CSS property to change the background color of an element to Hex 18243F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18243F }
```

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

```
.background{ background-color:#18243F }
```

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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