

# Converting Colors

Hex(26253F)

Have a look what the booklet for  
Hex(26253F) contains.

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# Color

Hex(26253F)

# Conversions

## Conversions Part 1

Format	Color
Hex	26253F
RGB	38, 37, 63
RGB Percent	15%, 15%, 25%
CMY	0.8510, 0.8549, 0.7529
CMYK	0.40, 0.41, 0.00, 0.75
HSL	242°, 26%, 20%
HSV	242°, 41%, 25%
XYZ	2.3581, 2.0941, 4.9825
YIQ	40.2630, -7.7500, 8.2980

# Conversions

## Conversions Part 2

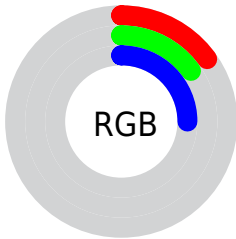
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 37, 63
Decimal	2499903
CIELab	15.97, 8.01, -16.41
CIElCh	16, 18.261, 296.026
Yxy	2.0941, 0.2499, 0.2220
Android (android.graphics.Color)	4280689983 (0xFF26253F)
YUV	40.2630, 11.2093, -1.9847
Hunter-Lab	14.4710, 3.7631, -10.2847

# Details

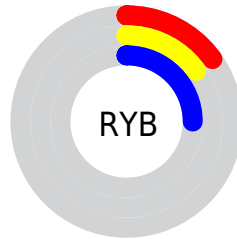
The Hex color **26253F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3E3F25**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **54526F**, and **000114** is the 20% darker color. If you saturate the color by 10%, you get **201F3F**, and if you desaturate by 10%, it is **2C2B3F**.

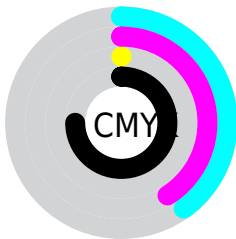
# Distribution



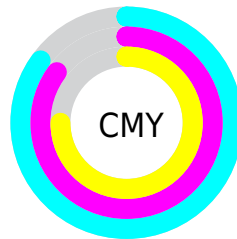
- Red (15%)
- Green (15%)
- Blue (25%)



- Red (15%)
- Yellow (15%)
- Blue (25%)



- Cyan (40%)
- Magenta (41%)
- Yellow (0%)
- Black (75%)



- Cyan (85%)
- Magenta (85%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26253F 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 26253F by changing the saturation by 10% instead.



■ 26253F

■ 26253F

FFFFFF

■ 111029

■ 54526F

■ 000114

■ 6D6A88

■ 000000

■ 8683A3

■ A09DBE

■ BCB8D9

■ D7D3F6

■ F4F0FF

■ 26253F

■ 26253F

■ 201F3F

■ 2C2B3F

■ 1A183F

■ 32323F

■ 14123F

■ 38383F

■ 0E0C3F

■ 3E3E3F

■ 08063F

■ 44453F

■ 02003F

■ 4A4B3F

■ 50513F

■ 56573F

■ 5D5E3F

# Harmonies

## Analogous

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



0C2A41



26253F



362036

# Triad

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



26253F



3B2212



002E25

# Complementary

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



26253F



3E3F25

# 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.



142D19



26253F



31260C

# Square

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



26253F



401E1D



242A0F



002E33

# Rectangle

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



26253F



3D1E2E



242A0F



052E21



# Sweetspot

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



26253F



484852



253E3F



232329



A8A8A8



292929



# Same Dimension

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



26253F



2A2952



33253F



1C1C1F



04005E



0900DE



# Inverse Universe

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



3F253E



522950



313F25



1F1C1E



5E005B



DE00D5



# Previews

## White Background



This preview shows how the Hex color 26253F looks on a white background.

## Color Contrast Check

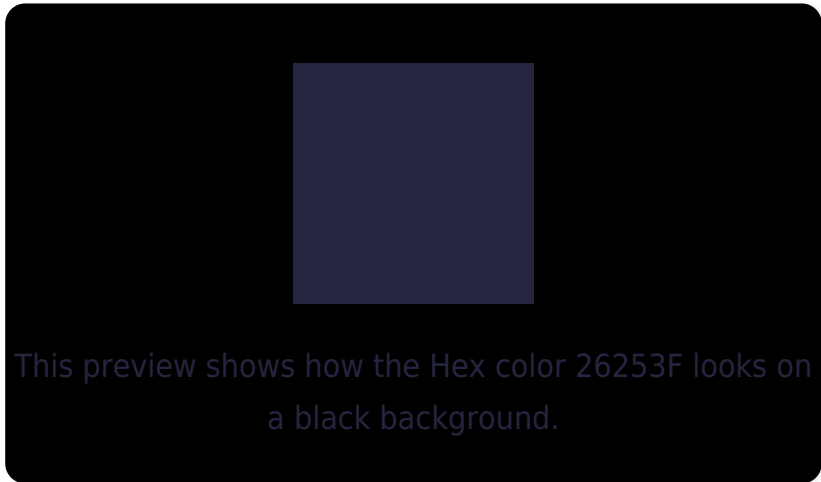
Large Text (above 18pt) WCAG AA ✓ Pass

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

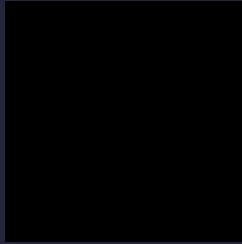
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 26253F Background



This preview shows how black text looks on a background with the Hex color 26253F.



This preview shows how white text looks on a background with the Hex color 26253F.

# 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



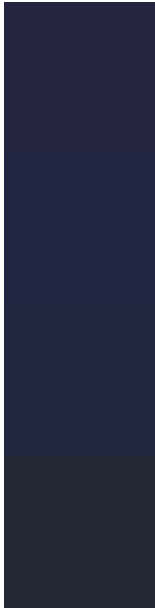
**Original Color**  
26253F

**Protanopia**  
1E2741

**Deuteranopia**  
1C283E



# Trichromacy



**Original Color**  
26253F

**Protanomaly**  
212640

**Deuteranomaly**  
20273E

**Tritanomaly**  
232833

# Monochromacy



**Original Color**  
26253F

**Achromatopsia**  
282828

**Achromatomaly**  
272730

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26253F 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 #26253F looks like.

```
.text, #text, p{  
    color:#26253F  
}
```

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 #26253F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26253F
}
```

## Border

The CSS property to change the border of an element to Hex 26253F 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
#26253F }
```

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

```
.border{ border-color:#26253F }
```

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

Here you see how a box with a 4 pixel #26253F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26253F; -webkit-box-shadow:4px 4px  
4px 4px #26253F; box-shadow:4px 4px 4px  
4px #26253F }
```

# Background

The CSS property to change the background color of an element to Hex 26253F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26253F }
```

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

```
.background{ background-color:#26253F }
```

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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