

Converting Colors

Hex(24426F)

Have a look what the booklet for
Hex(24426F) contains.

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Color

Hex(24426F)

Conversions

Conversions Part 1

Format	Color
Hex	24426F
RGB	36, 66, 111
RGB Percent	14%, 26%, 44%
CMY	0.8588, 0.7412, 0.5647
CMYK	0.68, 0.41, 0.00, 0.56
HSL	216°, 51%, 29%
HSV	216°, 68%, 44%
XYZ	5.5450, 5.4192, 15.7927
YIQ	62.1600, -32.3250, 7.6350

Conversions

Conversions Part 2

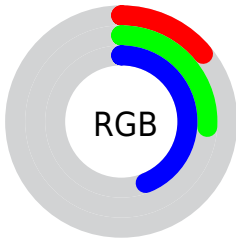
Format	Color
R_{YB}	36, 57, 111
Decimal	2376303
CIE _{Lab}	27.90, 4.71, -29.40
CIE _{LCh}	28, 29.772, 279.101
Yxy	5.4192, 0.2072, 0.2025
Android (android.graphics.Color)	4280566383 (0xFF24426F)
YUV	62.1600, 24.0781, -22.9423
Hunter-Lab	23.2792, 1.7795, -23.9272

Details

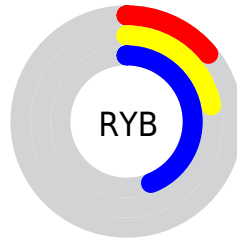
The Hex color **24426F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6F5124**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5972A3**, and **00183F** is the 20% darker color. If you saturate the color by 10%, you get **193B6F**, and if you desaturate by 10%, it is **2F496F**.

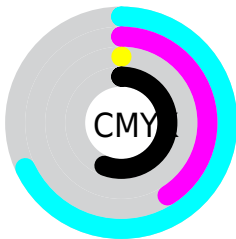
Distribution



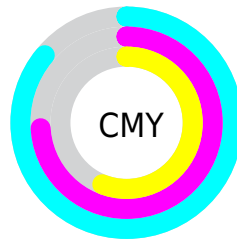
- Red (14%)
- Green (26%)
- Blue (44%)



- Red (14%)
- Yellow (22%)
- Blue (44%)



- Cyan (68%)
- Magenta (41%)
- Yellow (0%)
- Black (56%)



- Cyan (86%)
- Magenta (74%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24426F 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 24426F by changing the saturation by 10% instead.

■ 24426F

■ 24426F

FFFFFF

■ 012C56

■ 5972A3

■ 00183F

■ 748BBE

■ 000329

■ 8EA5DA

■ 000113

■ AAC0F7

■ 000000

■ C6DCFF

■ E2F9FF

■ 24426F

■ 24426F

■ 193B6F

■ 2F496F

■ 0E356F

■ 3A4F6F

■ 032E6F

■ 45566F

■ 002C6F

■ 505D6F

■ 5C636F

■ 676A6F

■ 72716F

■ 7D776F

■ 887E6F

Harmonies

Analogous

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



00496C



24426F



4C3965

Triad

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



24426F



693226



054C31

Complementary

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



24426F



6F5124

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.



2F491D



24426F



5C3B16

Square

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



24426F



6C2D3C



484312



004D48

Rectangle

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



24426F



5D335A



484312



194B29

Sweetspot

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



24426F



748091



246F51



383F4A



C9C9C9



4A4A4A

Same Dimension

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



24426F



1C4B91



2B246F



323538



003078



0063F7

Inverse Universe

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



6F2442



911C4B



686F24



383235



780030



F70063

Previews

White Background



This preview shows how the Hex color 24426F looks on a white background.

Color Contrast Check

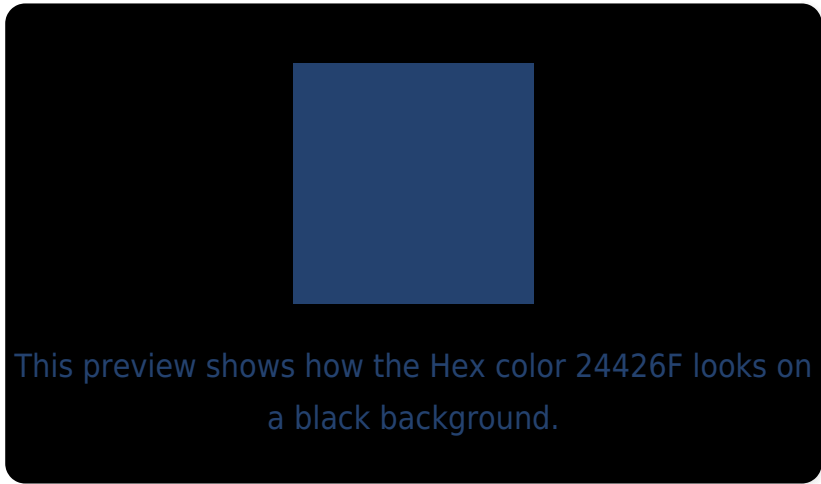
Large Text (above 18pt) WCAG AA ✓ Pass

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 24426F Background



This preview shows how black text looks on a background with the Hex color 24426F.



This preview shows how white text looks on a background with the Hex color 24426F.

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
24426F

Protanopia
2F406D

Deuteranopia
22426F



Tritanopia
0B494F

Trichromacy



Original Color
24426F

Protanomaly
2B416E

Deuteranomaly
23426F

Tritanomaly
14465B

Monochromacy



Original Color
24426F

Achromatopsia
3E3E3E

Achromatomaly
353F50

CSS Examples

Text

The CSS property to change the color of the text to Hex 24426F 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 #24426F looks like.

```
.text, #text, p{  
    color:#24426F  
}
```

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 #24426F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24426F
}
```

Border

The CSS property to change the border of an element to Hex 24426F is called "border". The border property can be set on classes, ids or directly on the HTML element.

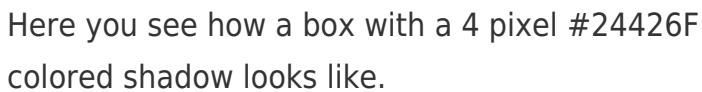
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24426F }
```

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

```
.border{ border-color:#24426F }
```

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



Here you see how a box with a 4 pixel #24426F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24426F; -webkit-box-shadow:4px 4px  
4px 4px #24426F; box-shadow:4px 4px 4px  
4px #24426F }
```

Background

The CSS property to change the background color of an element to Hex 24426F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24426F }
```

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

```
.background{ background-color:#24426F }
```

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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