

# Converting Colors

Hex(20426F)

Have a look what the booklet for  
Hex(20426F) contains.

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# Color

**Hex(20426F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20426F
RGB	32, 66, 111
RGB Percent	13%, 26%, 44%
CMY	0.8745, 0.7412, 0.5647
CMYK	0.71, 0.41, 0.00, 0.56
HSL	214°, 55%, 28%
HSV	214°, 71%, 44%
XYZ	5.4131, 5.3512, 15.7865
YIQ	60.9640, -34.7090, 6.7870

# Conversions

## Conversions Part 2

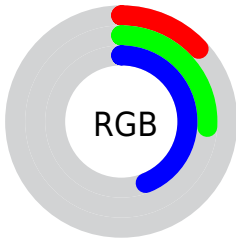
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 56, 111
Decimal	2114159
CIE <sub>Lab</sub>	27.71, 3.95, -29.70
CIE <sub>LCh</sub>	28, 29.964, 277.583
Yxy	5.3512, 0.2039, 0.2015
Android (android.graphics.Color)	4280304239 (0xFF20426F)
YUV	60.9640, 24.6677, -25.4014
Hunter-Lab	23.1327, 1.2874, -24.2686




# Details

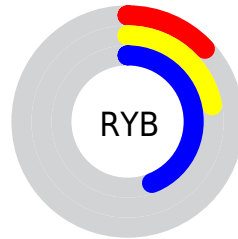
The Hex color **20426F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6F4D20**, and the grayscale version is **3D3D3D**.




A 20% lighter version of the original color is **5672A3**, and **00183F** is the 20% darker color. If you saturate the color by 10%, you get **153C6F**, and if you desaturate by 10%, it is **2B486F**.

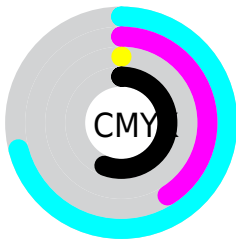
# Distribution







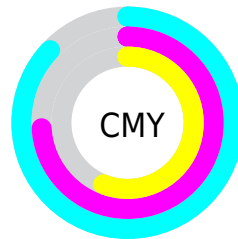
-  Red (13%)
-  Green (26%)
-  Blue (44%)






-  Red (13%)
-  Yellow (22%)
-  Blue (44%)



-  Cyan (71%)
-  Magenta (41%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (87%)
-  Magenta (74%)
-  Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20426F 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 20426F by changing the saturation by 10% instead.



■ 20426F

■ 20426F

FFFFFF

■ 002C56

■ 5672A3

■ 00183F

■ 718BBE

■ 000329

■ 8CA5DA

■ 000113

■ A7C0F7

■ 000000

■ C3DCFF

■ E0F9FF

■ FDFFFF

■ 20426F

■ 20426F

■ 153C6F

■ 2B486F

■ 0A356F

■ 364F6F

■ 00306F

■ 41556F

■ 4C5B6F

■ 58626F

■ 63686F

■ 6E6E6F

■ 79756F

■ 847B6F

# Harmonies

## Analogous

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



00496C



20426F



4A3966

# Triad

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



20426F



693127



084B2F

# Complementary

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



20426F



6F4D20

# 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.



30481B



20426F



5C3A16

# Square

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



20426F



6C2D3C



494211



004D47

# Rectangle

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



20426F



5C335A



494211



1A4B28



# Sweetspot

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



20426F



738091



206F4D



373F4A



C9C9C9



4A4A4A



# Same Dimension

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



20426F



164B91



25206F



323538



003478



006AF7



# Inverse Universe

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



6F2042



91164B



6A6F20



383235



780034



F7006A



# Previews

## White Background



This preview shows how the Hex color 20426F looks on a white background.

## Color Contrast Check

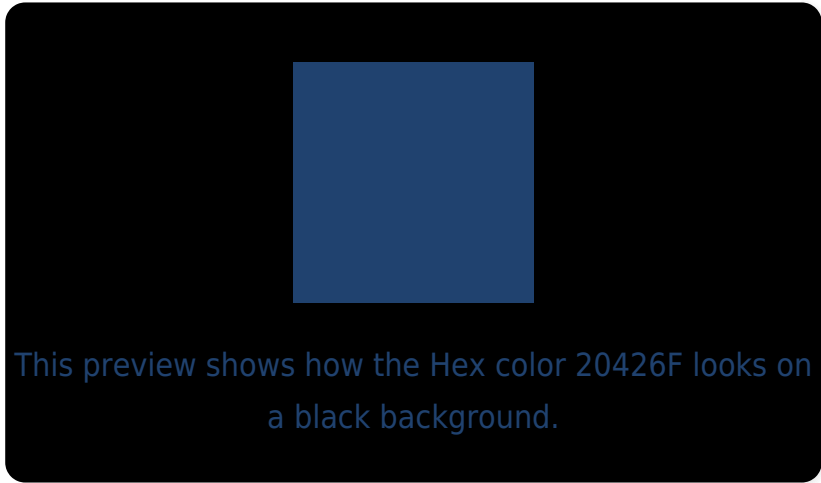
Large Text (above 18pt) WCAG AA ✓ Pass

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

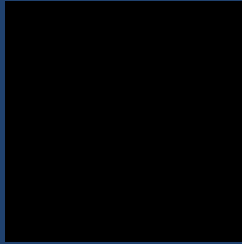
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 20426F Background



This preview shows how black text looks on a background with the Hex color 20426F.



This preview shows how white text looks on a background with the Hex color 20426F.

# 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**  
20426F

**Protanopia**  
2F406D

**Deuteranopia**  
20426F



**Tritanopia**  
00494E

# Trichromacy



**Original Color**  
20426F

**Protanomaly**  
2A416E

**Deuteranomaly**  
20426F

**Tritanomaly**  
0C465A

# Monochromacy



**Original Color**  
20426F

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
323F4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20426F 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 #20426F looks like.

```
.text, #text, p{  
    color:#20426F  
}
```

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 #20426F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20426F
}
```

## Border

The CSS property to change the border of an element to Hex 20426F is called "border". The border property can be set on classes, ids or directly on the HTML element.

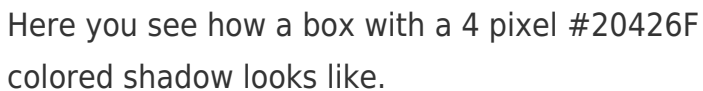
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#20426F }
```

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

```
.border{ border-color:#20426F }
```

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



Here you see how a box with a 4 pixel #20426F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20426F; -webkit-box-shadow:4px 4px  
4px 4px #20426F; box-shadow:4px 4px 4px  
4px #20426F }
```

# Background

The CSS property to change the background color of an element to Hex 20426F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20426F }
```

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

```
.background{ background-color:#20426F }
```

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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