

# Converting Colors

Hex(26046F)

Have a look what the booklet for  
Hex(26046F) contains.

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# Color

**Hex(26046F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26046F
RGB	38, 4, 111
RGB Percent	15%, 2%, 44%
CMY	0.8510, 0.9843, 0.5647
CMYK	0.66, 0.96, 0.00, 0.56
HSL	259°, 93%, 23%
HSV	259°, 96%, 44%
XYZ	3.7120, 1.6466, 15.1611
YIQ	26.3640, -14.0830, 40.4850

# Conversions

## Conversions Part 2

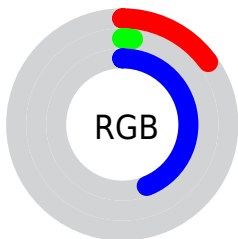
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 4, 111
Decimal	2491503
CIE <sub>Lab</sub>	13.51, 42.44, -52.78
CIE <sub>LCh</sub>	14, 67.724, 308.799
Yxy	1.6466, 0.1809, 0.0802
Android (android.graphics.Color)	4280681583 (0xFF26046F)
YUV	26.3640, 41.7255, 10.2048
Hunter-Lab	12.8320, 29.1798, -61.0693




# Details

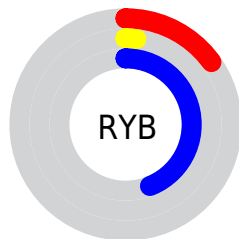
The Hex color **26046F** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4D6F04**, and the grayscale version is **1A1A1A**.




A 20% lighter version of the original color is **5F36A4**, and **00003E** is the 20% darker color. If you saturate the color by 10%, you get **23006F**, and if you desaturate by 10%, it is **2E0F6F**.

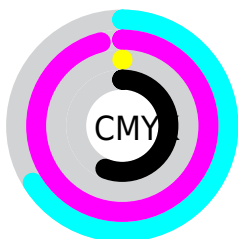
# Distribution







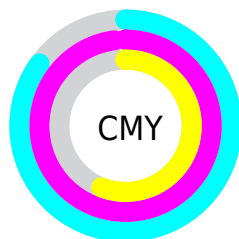
-  Red (15%)
-  Green (2%)
-  Blue (44%)






-  Red (15%)
-  Yellow (2%)
-  Blue (44%)



-  Cyan (66%)
-  Magenta (96%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (85%)
-  Magenta (98%)
-  Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26046F 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 26046F by changing the saturation by 10% instead.



 26046F

 26046F


 FFF0FF

 000056

 5F36A4

 00003E

 7A4FBF

 000327

 9668DC

 000110

 B382F9

 000000

 CF9CFF

 EDB8FF

 FFD3FF

 26046F

 26046F

■ 23006F

■ 2E0F6F

■ 351A6F

■ 3D256F

■ 44306F

■ 4C3B6F

■ 53476F

■ 5B526F

■ 635D6F

■ 6A686F

# Harmonies

## Analogous

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



002885



26046F



5F0046

# Triad

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



26046F



461000



003230

# Complementary

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



26046F



4D6F04

# 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.



003100



26046F



1F2600

# Square

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



26046F



610000



002E00



00345F

# Rectangle

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



26046F



6B0027



002E00



00321F



# Sweetspot

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



26046F



756791



044D6F



38304A



C9C9C9



4A4A4A



# Same Dimension

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



26046F



2E0091



5B046F



343238



260078



4F00F7



# Inverse Universe

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



6F044D



910063



186F04



383236



780052

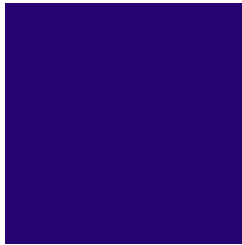


F700A9



# Previews

## White Background



This preview shows how the Hex color 26046F looks on a white background.

## Color Contrast Check

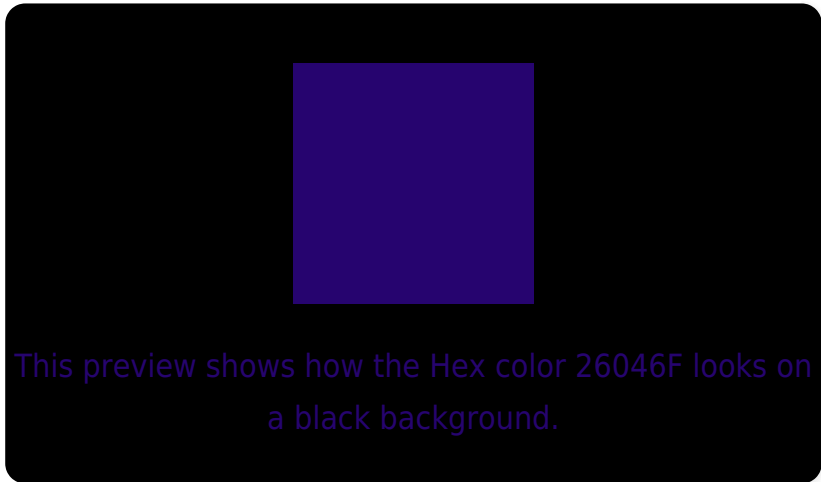
Large Text (above 18pt) WCAG AA ✓ Pass

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

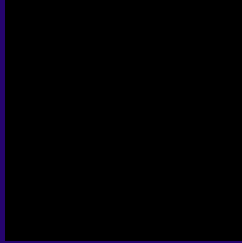
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 26046F Background



This preview shows how black text looks on a background with the Hex color 26046F.



This preview shows how white text looks on a background with the Hex color 26046F.

# 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**  
26046F

**Protanopia**  
00254D

**Deuteranopia**  
002741



# Trichromacy



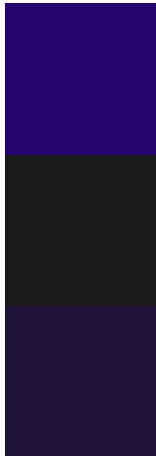
**Original Color**  
26046F

**Protanomaly**  
0E1959

**Deuteranomaly**  
0E1A52

**Tritanomaly**  
0E1C45

# Monochromacy



**Original Color**  
26046F

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
1E1239

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26046F 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 #26046F looks like.

```
.text, #text, p{  
    color:#26046F  
}
```

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 #26046F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26046F
}
```

## Border

The CSS property to change the border of an element to Hex 26046F is called "border". The border property can be set on classes, ids or directly on the HTML element.

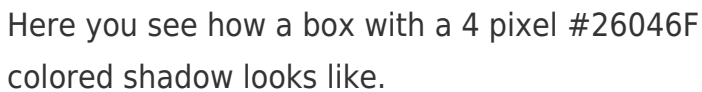
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#26046F }
```

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

```
.border{ border-color:#26046F }
```

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



Here you see how a box with a 4 pixel #26046F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26046F; -webkit-box-shadow:4px 4px  
4px 4px #26046F; box-shadow:4px 4px 4px  
4px #26046F }
```

# Background

The CSS property to change the background color of an element to Hex 26046F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26046F }
```

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

```
.background{ background-color:#26046F }
```

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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