

# Converting Colors

Hex(26430F)

Have a look what the booklet for  
Hex(26430F) contains.

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# Color

**Hex(26430F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26430F
RGB	38, 67, 15
RGB Percent	15%, 26%, 6%
CMY	0.8510, 0.7373, 0.9412
CMYK	0.43, 0.00, 0.78, 0.74
HSL	93°, 63%, 16%
HSV	93°, 78%, 26%
XYZ	2.8927, 4.4609, 1.1605
YIQ	52.4010, -0.5920, -22.3200

# Conversions

## Conversions Part 2

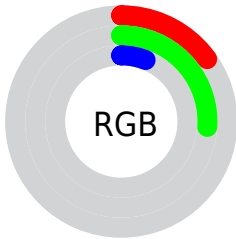
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 67, 44
Decimal	2507535
CIE Lab	25.14, -21.22, 26.92
CIE LCh	25, 34.275, 128.250
Yxy	4.4609, 0.3398, 0.5239
Android (android.graphics.Color)	4280697615 (0xFF26430F)
YUV	52.4010, -18.4387, -12.6297
Hunter-Lab	21.1208, -12.5139, 11.5268

# Details

The Hex color **26430F** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2C0F43**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **56733C**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **224308**, and if you desaturate by 10%, it is **2A4316**.

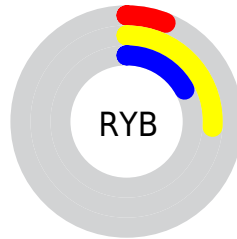
# Distribution



Red (15%)

Green (26%)

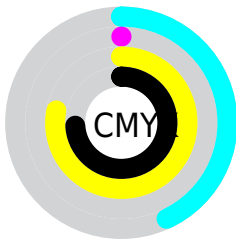
Blue (6%)



Red (6%)

Yellow (26%)

Blue (17%)

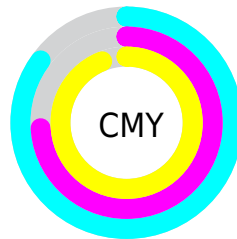


Cyan (43%)

Magenta (0%)

Yellow (78%)

Black (74%)



Cyan (85%)

Magenta (74%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26430F 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 26430F by changing the saturation by 10% instead.



 26430F

 26430F

 FFFFF5

 112C00

 56733C

 001A00

 6F8D54

 000000

 89A76D

 A4C387

 BFDFA1

 DBFBBC

 F8FFD8

 26430F

 26430F

■ 224308

■ 2A4316

■ 1F4302

■ 2D431C

■ 1E4300

■ 314323

■ 35432A

■ 394331

■ 3C4337

■ 40433E

■ 444345

■ 48434B

# Harmonies

## Analogous

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



423D00



26430F



004627

# Triad

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



26430F



00436C



6A2236

# Complementary

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



26430F



2C0F43

# 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.



60264F



26430F



083C6F

# Square

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



26430F



00475B



463265



66281D

# Rectangle

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



26430F



004839



463265



68223E



# Sweetspot

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



26430F



4C5743



432C0F



252B1F



ABABAB



2B2B2B



# Same Dimension

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



26430F



2A5706



0F4312



1F211E



2B6100



63E000



# Inverse Universe

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



2C0F43



330657



430F40



201E21



360061

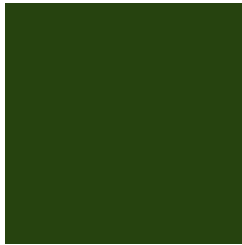


7D00E0



# Previews

## White Background



This preview shows how the Hex color 26430F 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

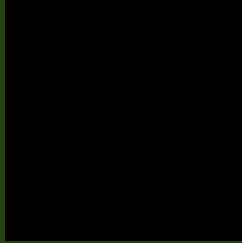
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 26430F Background



This preview shows how black text looks on a background with the Hex color 26430F.



This preview shows how white text looks on a background with the Hex color 26430F.

# 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](#).

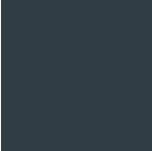
## Dichromacy



**Original Color**  
26430F

**Protanopia**  
433C0D

**Deuteranopia**  
4B3914



**Tritanopia**  
2E3E43

# Trichromacy



**Original Color**  
26430F

**Protanomaly**  
383F0E

**Deuteranomaly**  
3E3D12

**Tritanomaly**  
2B4030

# Monochromacy



**Original Color**  
26430F

**Achromatopsia**  
343434

**Achromatomaly**  
2F3927

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26430F 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 #26430F looks like.

```
.text, #text, p{  
    color:#26430F  
}
```

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 #26430F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26430F
}
```

## Border

The CSS property to change the border of an element to Hex 26430F is called "border". The border property can be set on classes, ids or directly on the HTML element.

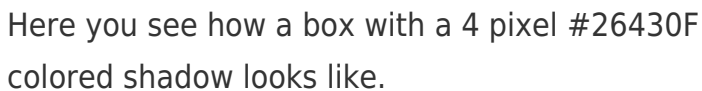
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#26430F }
```

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

```
.border{ border-color:#26430F }
```

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



Here you see how a box with a 4 pixel #26430F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26430F; -webkit-box-shadow:4px 4px  
4px 4px #26430F; box-shadow:4px 4px 4px  
4px #26430F }
```

# Background

The CSS property to change the background color of an element to Hex 26430F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26430F }
```

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

```
.background{ background-color:#26430F }
```

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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