

# Converting Colors

Hex(260166)

Have a look what the booklet for  
Hex(260166) contains.

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# Color

**Hex(260166)**

# Conversions

## Conversions Part 1

Format	Color
Hex	260166
RGB	38, 1, 102
RGB Percent	15%, 0%, 40%
CMY	0.8510, 0.9961, 0.6000
CMYK	0.63, 0.99, 0.00, 0.60
HSL	262°, 98%, 20%
HSV	262°, 99%, 40%
XYZ	3.2085, 1.3931, 12.6702
YIQ	23.5770, -10.3690, 39.2550

# Conversions

## Conversions Part 2

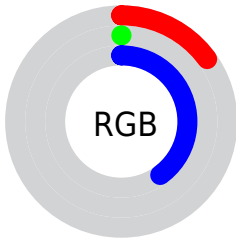
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 1, 102
Decimal	2490726
CIELab	11.91, 41.28, -49.52
CIELCh	12, 64.471, 309.818
Yxy	1.3931, 0.1858, 0.0807
Android (android.graphics.Color)	4280680806 (0xFF260166)
YUV	23.5770, 38.6625, 12.6490
Hunter-Lab	11.8029, 27.8676, -55.3845

# Details

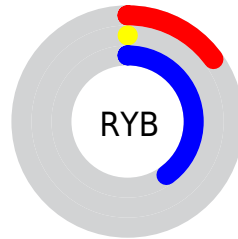
The Hex color **260166** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **416601**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **5D339A**, and **000036** is the 20% darker color. If you saturate the color by 10%, you get **250066**, and if you desaturate by 10%, it is **2C0B66**.

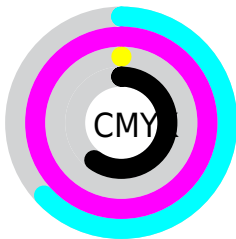
# Distribution



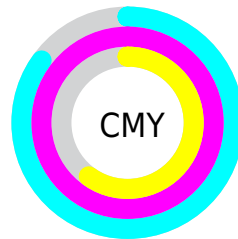
- Red (15%)
- Green (0%)
- Blue (40%)



- Red (15%)
- Yellow (0%)
- Blue (40%)



- Cyan (63%)
- Magenta (99%)
- Yellow (0%)
- Black (60%)



- Cyan (85%)
- Magenta (100%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 260166 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 260166 by changing the saturation by 10% instead.



 260166

 260166

 FFECFF

 08004D

 5D339A

 000036

 784BB5

 00021F

 9464D1

 000003

 B07EEE

 000000

 CD98FF

 EAB4FF

 FFCFFF

 260166

 260166

■ 250066

■ 2C0B66

■ 331566

■ 392066

■ 402A66

■ 463466

■ 4D3E66

■ 534866

■ 5A5366

■ 605D66

# Harmonies

## Analogous

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



00247B



260166



59003F

# Triad

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



260166



3F0F00



002E2E

# Complementary

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



260166



416601

# 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.



002D00



260166



1B2300

# Square

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



260166



590000



002B00



003059

# Rectangle

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



260166



640022



002B00



002D1E



# Sweetspot

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



260166



6B5D85



014366



332A42



C2C2C2



424242



# Same Dimension

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



260166



310085



570166



302E33



2A0073



5900F2



# Inverse Universe

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



660141



850054



106601



332E31



730049

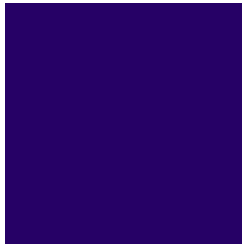


F2009A



# Previews

## White Background



This preview shows how the Hex color 260166 looks on a white background.

## Color Contrast Check

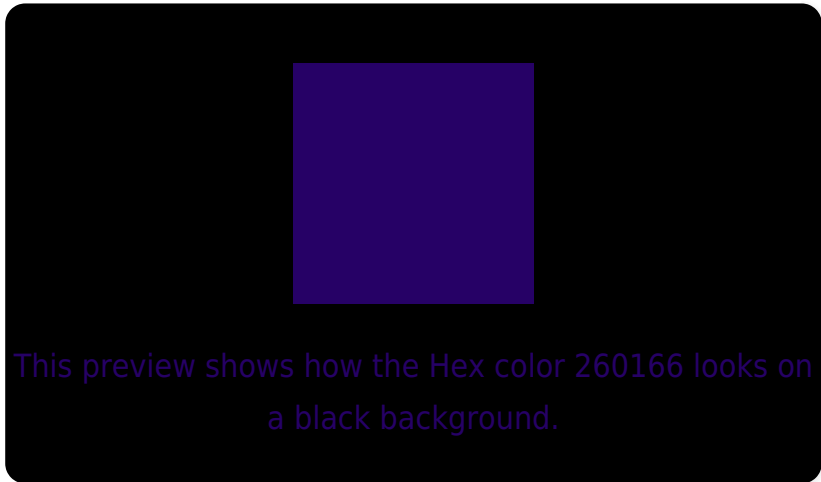
Large Text (above 18pt) WCAG AA ✓ Pass

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

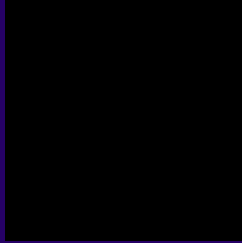
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 260166 Background



This preview shows how black text looks on a background with the Hex color 260166.



This preview shows how white text looks on a background with the Hex color 260166.

# 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**  
260166

**Protanopia**  
002248

**Deuteranopia**  
00243D



**Tritanopia**  
00272A

# Trichromacy



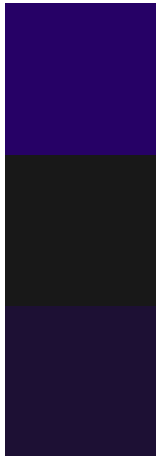
**Original Color**  
260166

**Protanomaly**  
0E1653

**Deuteranomaly**  
0E174C

**Tritanomaly**  
0E1940

# Monochromacy



**Original Color**  
260166

**Achromatopsia**  
181818

**Achromatomaly**  
1D1034

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 260166 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 #260166 looks like.

```
.text, #text, p{  
    color:#260166  
}
```

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 #260166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #260166
}
```

## Border

The CSS property to change the border of an element to Hex 260166 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
#260166 }
```

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

```
.border{ border-color:#260166 }
```

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

Here you see how a box with a 4 pixel #260166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #260166; -webkit-box-shadow:4px 4px  
4px 4px #260166; box-shadow:4px 4px 4px  
4px #260166 }
```

# Background

The CSS property to change the background color of an element to Hex 260166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#260166 }
```

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

```
.background{ background-color:#260166 }
```

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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