

# Converting Colors

Hex(280560)

Have a look what the booklet for  
Hex(280560) contains.

<b>Hex(280560)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(280560)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	280560
RGB	40, 5, 96
RGB Percent	16%, 2%, 38%
CMY	0.8431, 0.9804, 0.6235
CMYK	0.58, 0.95, 0.00, 0.62
HSL	263°, 90%, 20%
HSV	263°, 95%, 38%
XYZ	3.0407, 1.4042, 11.1771
YIQ	25.8390, -8.3510, 35.7210

# Conversions

## Conversions Part 2

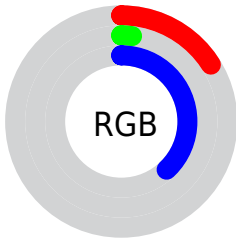
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 5, 96
Decimal	2622816
CIELab	11.99, 38.10, -45.39
CIELCh	12, 59.263, 310.006
Yxy	1.4042, 0.1946, 0.0899
Android (android.graphics.Color)	4280812896 (0xFF280560)
YUV	25.8390, 34.5894, 12.4192
Hunter-Lab	11.8498, 25.0658, -47.6292




# Details

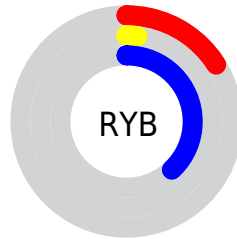
The Hex color **280560** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3D6005**, and the grayscale version is **1A1A1A**.




A 20% lighter version of the original color is **5D3694**, and **000130** is the 20% darker color. If you saturate the color by 10%, you get **250060**, and if you desaturate by 10%, it is **2E0F60**.

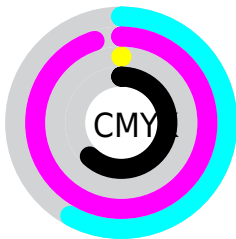
# Distribution







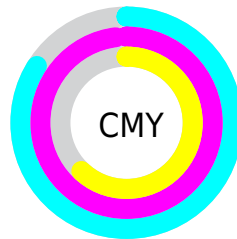
-  Red (16%)
-  Green (2%)
-  Blue (38%)






-  Red (16%)
-  Yellow (2%)
-  Blue (38%)



-  Cyan (58%)
-  Magenta (95%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (84%)
-  Magenta (98%)
-  Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 280560 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 280560 by changing the saturation by 10% instead.



 280560

 280560

 FFEEFF

 0E0048

 5D3694

 000130

 784EAF

 00011A

 9367CA

 000000

 AF80E7

 CC9BFF

 E8B6FF

 FFD2FF

 280560

 280560

■ 250060

■ 2E0F60

■ 341860

■ 3A2260

■ 402B60

■ 463560

■ 4B3F60

■ 514860

■ 575260

■ 5D5B60

# Harmonies

## Analogous

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



002373



280560



55003C

# Triad

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



280560



3D1100



002E2D

# Complementary

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



280560



3D6005

# 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



280560



1C2300

# Square

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



280560



550000



002A00



002F55

# Rectangle

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



280560



5F0022



002A00



002E1E



# Sweetspot

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



280560



675A7D



053D60



322A40



BFBFBF



404040



# Same Dimension

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



280560



30007D



550560



2D2C30



2B0070



5C00F0



# Inverse Universe

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



60053D



7D004D



106005



302C2F



700045

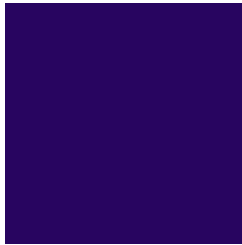


F00094



# Previews

## White Background



This preview shows how the Hex color 280560 looks on a white background.

## Color Contrast Check

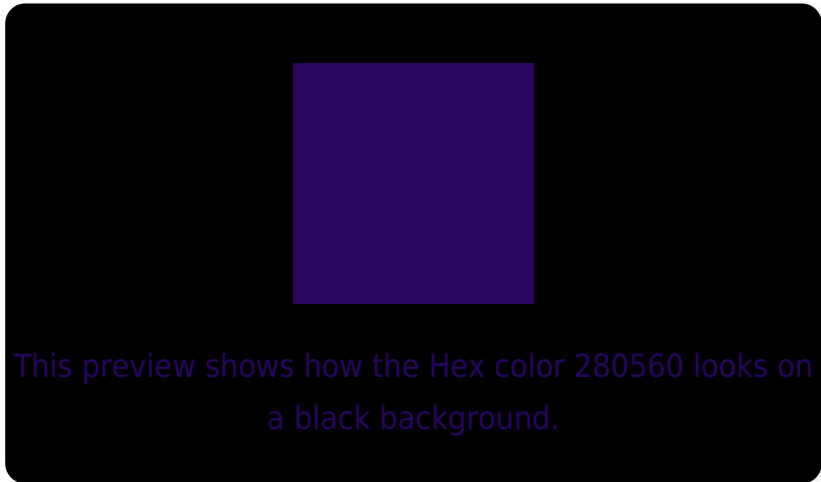
Large Text (above 18pt) WCAG AA ✓ Pass

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

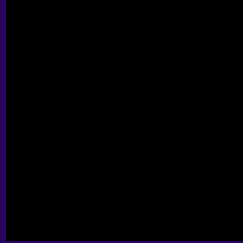
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 280560 Background



This preview shows how black text looks on a background with the Hex color 280560.



This preview shows how white text looks on a background with the Hex color 280560.

# 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**  
280560

**Protanopia**  
002146

**Deuteranopia**  
00243C



**Tritanopia**  
112529

# Trichromacy



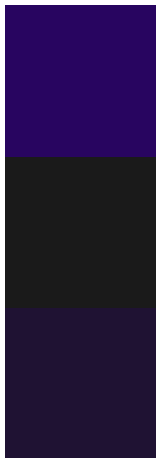
**Original Color**  
280560

**Protanomaly**  
0F174F

**Deuteranomaly**  
0F1949

**Tritanomaly**  
19193D

# Monochromacy



**Original Color**  
280560

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
1F1233

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 280560 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 #280560 looks like.

```
.text, #text, p{  
    color:#280560  
}
```

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 #280560 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #280560
}
```

## Border

The CSS property to change the border of an element to Hex 280560 is called "border". The border property can be set on classes, ids or directly on the HTML element.

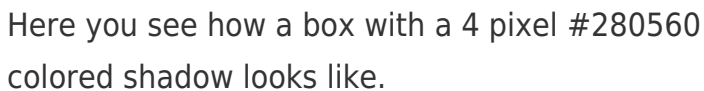
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#280560 }
```

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

```
.border{ border-color:#280560 }
```

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



Here you see how a box with a 4 pixel #280560 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #280560; -webkit-box-shadow:4px 4px  
4px 4px #280560; box-shadow:4px 4px 4px  
4px #280560 }
```

# Background

The CSS property to change the background color of an element to Hex 280560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#280560 }
```

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

```
.background{ background-color:#280560 }
```

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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