

Converting Colors

Hex(290686)

Have a look what the booklet for
Hex(290686) contains.

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Color

Hex(290686)

Conversions

Conversions Part 1

Format	Color
Hex	290686
RGB	41, 6, 134
RGB Percent	16%, 2%, 53%
CMY	0.8392, 0.9765, 0.4745
CMYK	0.69, 0.96, 0.00, 0.47
HSL	256°, 91%, 27%
HSV	256°, 96%, 53%
XYZ	5.2827, 2.3229, 22.7242
YIQ	31.0570, -20.2280, 47.2280

Conversions

Conversions Part 2

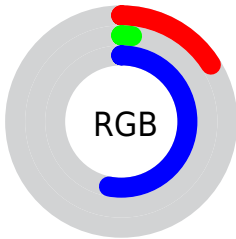
Format	Color
RYB	41, 6, 134
Decimal	2688646
CIELab	17.10, 48.15, -61.57
CIELCh	17, 78.160, 308.027
Yxy	2.3229, 0.1742, 0.0766
Android (android.graphics.Color)	4280878726 (0xFF290686)
YUV	31.0570, 50.7509, 8.7200
Hunter-Lab	15.2411, 35.1975, -77.7318

Details

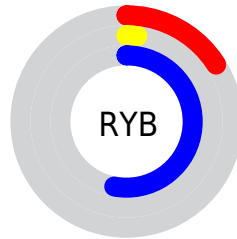
The Hex color **290686** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **638606**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **663BBC**, and **000053** is the 20% darker color. If you saturate the color by 10%, you get **250086**, and if you desaturate by 10%, it is **331386**.

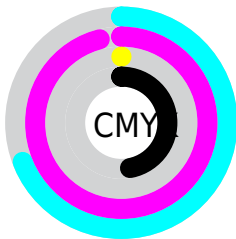
Distribution



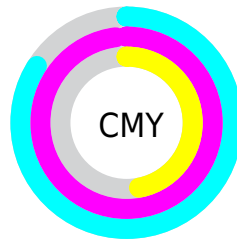
- Red (16%)
- Green (2%)
- Blue (53%)



- Red (16%)
- Yellow (2%)
- Blue (53%)



- Cyan (69%)
- Magenta (96%)
- Yellow (0%)
- Black (47%)



- Cyan (84%)
- Magenta (98%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 290686 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 290686 by changing the saturation by 10% instead.

 290686

 290686

 FFF7FF

 00006C

 663BBC

 000053

 8354D9

 00063B

 9F6DF6

 000224

 BC87FF

 00000C

 DAA2FF

 000000

 F8BEFF

 FFDAFF

 290686

 290686

■ 250086

■ 331386

■ 3C2186

■ 462E86

■ 503C86

■ 5A4986

■ 635686

■ 6D6486

■ 777186

■ 817F86

Harmonies

Analogous

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



00319F



290686



710056

Triad

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



290686



541200



003C39

Complementary

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



290686



638606

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.



003B00



290686



272D00

Square

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



290686



740000



003600



003D70

Rectangle

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



290686



800031



003600



003C25

Sweetspot

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



290686



897BAD



066486



413857



D6D6D6



575757

Same Dimension

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



290686



2F00AD



680686



3D3C42



240082



010003

Inverse Universe

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



860663



AD007E



248606



423C40



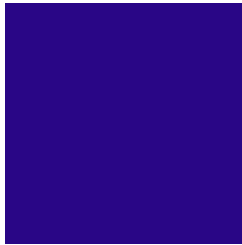
82005E



030002

Previews

White Background



This preview shows how the Hex color 290686 looks on a white background.

Color Contrast Check

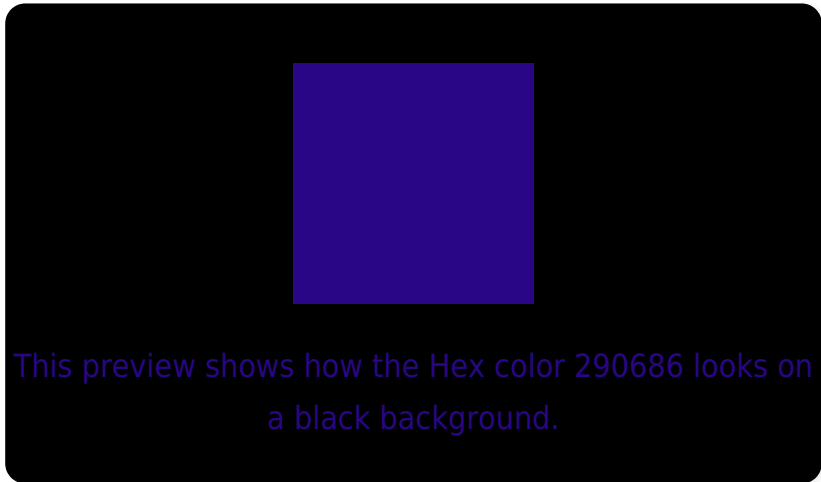
Large Text (above 18pt) WCAG AA ✓ Pass

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

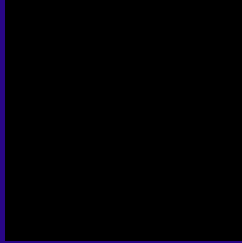
Any Text WCAG AA × Fail

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 290686 Background



This preview shows how black text looks on a background with the Hex color 290686.



This preview shows how white text looks on a background with the Hex color 290686.

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
290686

Protanopia
002B5B

Deuteranopia
002E4D

Trichromacy



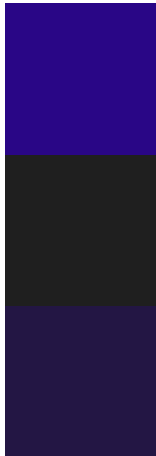
Original Color
290686

Protanomaly
0F1E6B

Deuteranomaly
0F1F62

Tritanomaly
0F2252

Monochromacy



Original Color
290686

Achromatopsia
1F1F1F

Achromatomaly
231644

CSS Examples

Text

The CSS property to change the color of the text to Hex 290686 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 #290686 looks like.

```
.text, #text, p{  
    color:#290686  
}
```

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 #290686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #290686
}
```

Border

The CSS property to change the border of an element to Hex 290686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

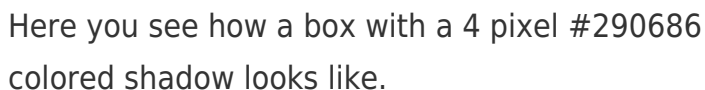
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#290686 }
```

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

```
.border{ border-color:#290686 }
```

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



Here you see how a box with a 4 pixel #290686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #290686; -webkit-box-shadow:4px 4px  
4px 4px #290686; box-shadow:4px 4px 4px  
4px #290686 }
```

Background

The CSS property to change the background color of an element to Hex 290686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#290686 }
```

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

```
.background{ background-color:#290686 }
```

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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