

Converting Colors

Hex(293270)

Have a look what the booklet for
Hex(293270) contains.

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Color

Hex(293270)

Conversions

Conversions Part 1

Format	Color
Hex	293270
RGB	41, 50, 112
RGB Percent	16%, 20%, 44%
CMY	0.8392, 0.8039, 0.5608
CMYK	0.63, 0.55, 0.00, 0.56
HSL	232°, 46%, 30%
HSV	232°, 63%, 44%
XYZ	4.9797, 3.9225, 15.8239
YIQ	54.3770, -25.2660, 17.3740

Conversions

Conversions Part 2

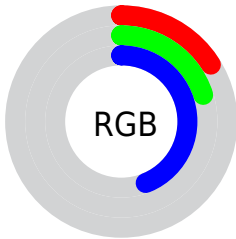
Format	Color
R_{YB}	41, 49, 112
Decimal	2699888
CIE _{Lab}	23.41, 17.21, -37.20
CIE _{LCh}	23, 40.984, 294.825
Yxy	3.9225, 0.2014, 0.1586
Android (android.graphics.Color)	4280889968 (0xFF293270)
YUV	54.3770, 28.4081, -11.7316
Hunter-Lab	19.8052, 10.2216, -33.5076




Details

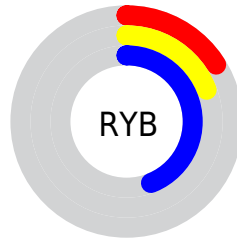
The Hex color **293270** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **706729**, and the grayscale version is **363636**.




A 20% lighter version of the original color is **5E60A4**, and **00053F** is the 20% darker color. If you saturate the color by 10%, you get **1E2870**, and if you desaturate by 10%, it is **343C70**.

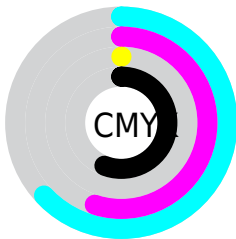
Distribution







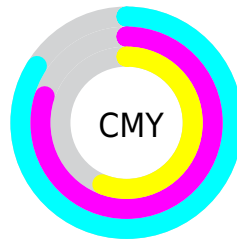
-  Red (16%)
-  Green (20%)
-  Blue (44%)






-  Red (16%)
-  Yellow (19%)
-  Blue (44%)



-  Cyan (63%)
-  Magenta (55%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (84%)
-  Magenta (80%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 293270 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 293270 by changing the saturation by 10% instead.

■ 293270

■ 293270

FFFFFF

■ 081D57

■ 5E60A4

■ 00053F

■ 7879C0

■ 000329

■ 9392DC

■ 000113

■ AFADF8

■ 000000

■ CBC8FF

■ E8E4FF

■ 293270

■ 293270

■ 1E2870

■ 343C70

■ 131E70

■ 3F4670

■ 071570

■ 4B4F70

■ 000E70

■ 565970

■ 616370

■ 6C6D70

■ 777670

■ 838070

■ 8E8A70

Harmonies

Analogous

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



003D75



293270



57225C

Triad

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



293270



602700



004531

Complementary

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



293270



706729

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.



004311



293270



4A3500

Square

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



293270



6C1820



2D3E00



004551

Rectangle

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



293270



661749



2D3E00



004427

Sweetspot

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



293270



767991



297067



393B4A



C9C9C9



4A4A4A

Same Dimension

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



293270



233191



432970



323338



000F78



001FF7

Inverse Universe

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



702932



912331



567029



383233



78000F



F7001F

Previews

White Background



This preview shows how the Hex color 293270 looks on a white background.

Color Contrast Check

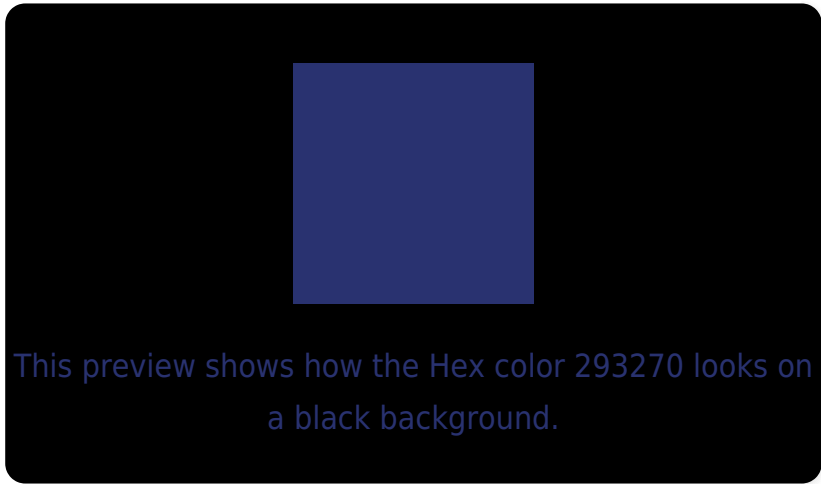
Large Text (above 18pt) WCAG AA ✓ Pass

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

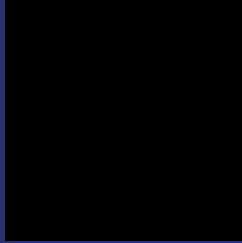
Any Text WCAG AA × Fail

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 293270 Background



This preview shows how black text looks on a background with the Hex color 293270.



This preview shows how white text looks on a background with the Hex color 293270.

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](#).

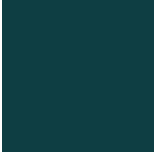
Dichromacy



Original Color
293270

Protanopia
003672

Deuteranopia
003963



Tritanopia
0E3E43

Trichromacy



Original Color
293270

Protanomaly
0F3571

Deuteranomaly
0F3668

Tritanomaly
183A53

Monochromacy



Original Color
293270

Achromatopsia
363636

Achromatomaly
31354B

CSS Examples

Text

The CSS property to change the color of the text to Hex 293270 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 #293270 looks like.

```
.text, #text, p{  
    color:#293270  
}
```

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 #293270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293270
}
```

Border

The CSS property to change the border of an element to Hex 293270 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
#293270 }
```

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

```
.border{ border-color:#293270 }
```

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

Here you see how a box with a 4 pixel #293270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293270; -webkit-box-shadow:4px 4px  
4px 4px #293270; box-shadow:4px 4px 4px  
4px #293270 }
```

Background

The CSS property to change the background color of an element to Hex 293270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293270 }
```

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

```
.background{ background-color:#293270 }
```

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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