

Converting Colors

Hex(280032)

Have a look what the booklet for
Hex(280032) contains.

Hex(280032)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(280032)

Conversions

Conversions Part 1

Format	Color
Hex	280032
RGB	40, 0, 50
RGB Percent	16%, 0%, 20%
CMY	0.8431, 1.0000, 0.8039
CMYK	0.20, 1.00, 0.00, 0.80
HSL	288°, 100%, 10%
HSV	288°, 100%, 20%
XYZ	1.4508, 0.6814, 3.0727
YIQ	17.6600, 7.7900, 24.0300

Conversions

Conversions Part 2

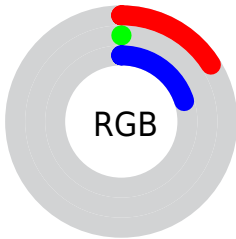
Format	Color
R_{YB}	40, 0, 50
Decimal	2621490
CIE Lab	6.16, 28.53, -22.69
CIE LCh	6, 36.457, 321.506
Yxy	0.6814, 0.2787, 0.1309
Android (android.graphics.Color)	4280811570 (0xFF280032)
YUV	17.6600, 15.9436, 19.5922
Hunter-Lab	8.2547, 16.9262, -16.2913

Details

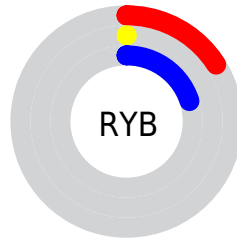
The Hex color **280032** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0A3200**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **572D61**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **280032**, and if you desaturate by 10%, it is **290532**.

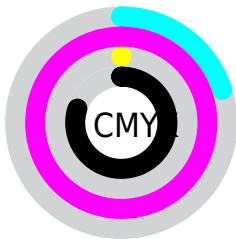
Distribution



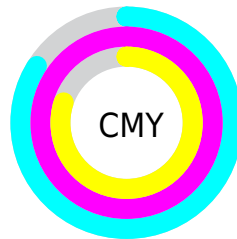
- Red (16%)
- Green (0%)
- Blue (20%)



- Red (16%)
- Yellow (0%)
- Blue (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (0%)
- Black (80%)



- Cyan (84%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 280032 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 280032 by changing the saturation by 10% instead.

 280032

 280032

 FFE2FF

 0C001D

 572D61

 000000

 71457A

 8B5D94

 A576AE

 C190CA

 DDABE6

 FAC6FF

 280032

■ 290532

■ 2A0A32

■ 2B0F32

■ 2C1432

■ 2D1932

■ 2E1E32

■ 2F2332

■ 302832

■ 312D32

Harmonies

Analogous

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



001141



280032



38001C

Triad

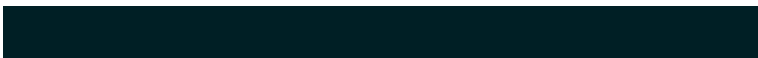
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



280032



201000



001F25

Complementary

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



280032



0A3200

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.



001E08



280032



001900

Square

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



280032



310200



001E00



001F39

Rectangle

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



280032



3B0007



001E00



001E1D

Sweetspot

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



280032



3C2D40



000A32



1F1521



A1A1A1



212121

Same Dimension

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



280032



330040



320023



19171A



470059



AD00D9

Inverse Universe

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



32000A



40000D



00320F



1A1717



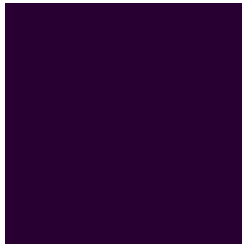
590012



D9002B

Previews

White Background



This preview shows how the Hex color 280032 looks on a white background.

Color Contrast Check

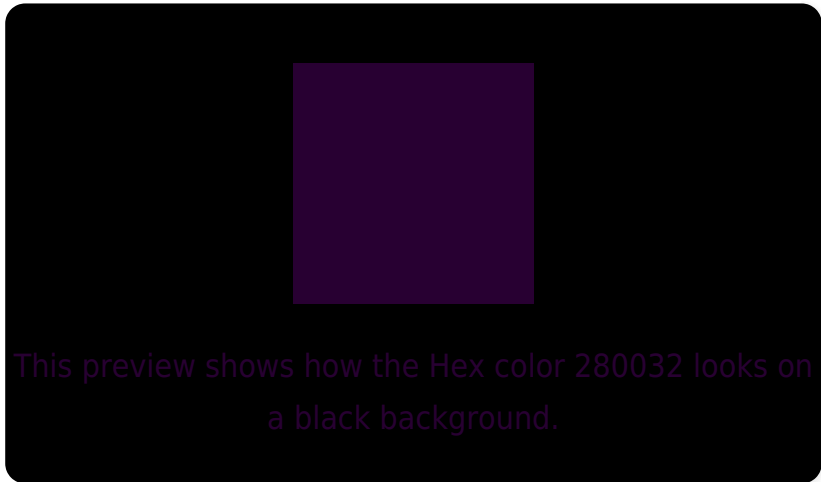
Large Text (above 18pt) WCAG AA ✓ Pass

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

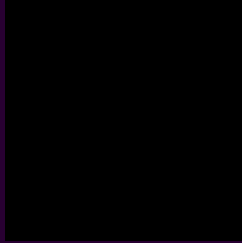
Any Text WCAG AA × Fail

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 280032 Background



This preview shows how black text looks on a background with the Hex color 280032.



This preview shows how white text looks on a background with the Hex color 280032.

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](#).

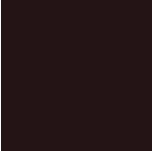
Dichromacy



Original Color
280032

Protanopia
001832

Deuteranopia
00192C



Tritanopia
241415

Trichromacy



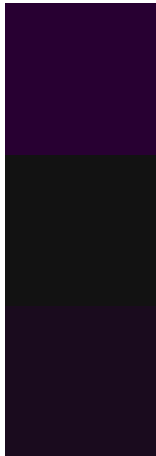
Original Color
280032

Protanomaly
0F0F32

Deuteranomaly
0F102E

Tritanomaly
250D20

Monochromacy



Original Color
280032

Achromatopsia
121212

Achromatomaly
1A0B1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 280032 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 #280032 looks like.

```
.text, #text, p{  
    color:#280032  
}
```

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 #280032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #280032
}
```

Border

The CSS property to change the border of an element to Hex 280032 is called "border". The border property can be set on classes, ids or directly on the HTML element.

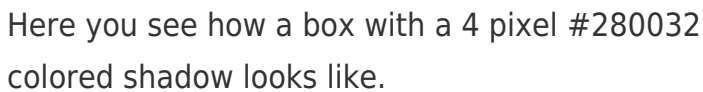
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#280032 }
```

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

```
.border{ border-color:#280032 }
```

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



Here you see how a box with a 4 pixel #280032 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #280032; -webkit-box-shadow:4px 4px  
4px 4px #280032; box-shadow:4px 4px 4px  
4px #280032 }
```

Background

The CSS property to change the background color of an element to Hex 280032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#280032 }
```

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

```
.background{ background-color:#280032 }
```

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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