

Converting Colors

Hex(28004B)

Have a look what the booklet for
Hex(28004B) contains.

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Color

Hex(28004B)

Conversions

Conversions Part 1

Format	Color
Hex	28004B
RGB	40, 0, 75
RGB Percent	16%, 0%, 29%
CMY	0.8431, 1.0000, 0.7059
CMYK	0.47, 1.00, 0.00, 0.71
HSL	272°, 100%, 15%
HSV	272°, 100%, 29%
XYZ	2.1451, 0.9591, 6.7287
YIQ	20.5100, -0.2350, 31.8050

Conversions

Conversions Part 2

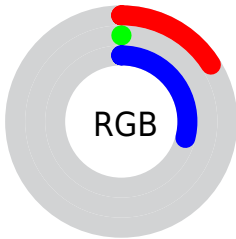
Format	Color
R_{YB}	40, 0, 75
Decimal	2621515
CIE Lab	8.65, 35.07, -36.58
CIE LCh	9, 50.671, 313.790
Yxy	0.9591, 0.2182, 0.0975
Android (android.graphics.Color)	4280811595 (0xFF28004B)
YUV	20.5100, 26.8636, 17.0927
Hunter-Lab	9.7934, 21.9586, -33.8803

Details

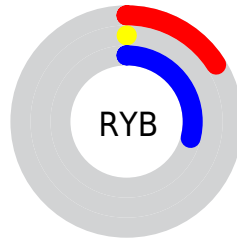
The Hex color **28004B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **234B00**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **5A2F7D**, and **00021E** is the 20% darker color. If you saturate the color by 10%, you get **28004B**, and if you desaturate by 10%, it is **2B074B**.

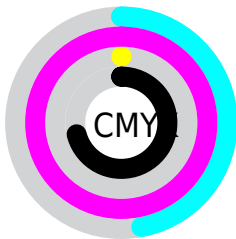
Distribution



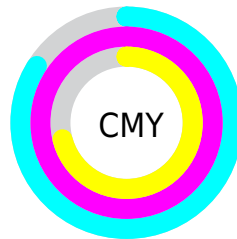
- Red (16%)
- Green (0%)
- Blue (29%)



- Red (16%)
- Yellow (0%)
- Blue (29%)



- Cyan (47%)
- Magenta (100%)
- Yellow (0%)
- Black (71%)



- Cyan (84%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28004B 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 28004B by changing the saturation by 10% instead.

 28004B

 28004B

 FFE6FF

 140034

 5A2F7D

 00021E

 744797

 000000

 8F5FB2

 AA79CE

 C693EA

 E3AEFF

 FFCAFF

 28004B

■ 2B074B

■ 2F0F4B

■ 33174B

■ 361E4B

■ 3A264B

■ 3D2D4B

■ 41354B

■ 443C4B

■ 48444B

Harmonies

Analogous

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



001A5D



28004B



48002D

Triad

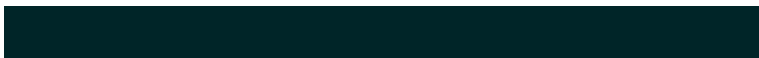
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28004B



2F1000



002528

Complementary

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



28004B



234B00

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.



002400



28004B



101D00

Square

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



28004B



440000



002400



002748

Rectangle

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



28004B



4E0016



002400



00251C

Sweetspot

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



28004B



534461



00234B



281F30



B0B0B0



303030

Same Dimension

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



28004B



340061



4B0049



242226



360066



7A00E6

Inverse Universe

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



4B0023



61002D



004B02



262224



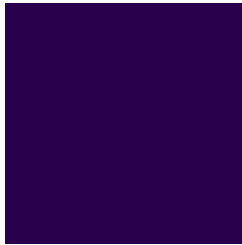
660030



E6006B

Previews

White Background



This preview shows how the Hex color 28004B looks on a white background.

Color Contrast Check

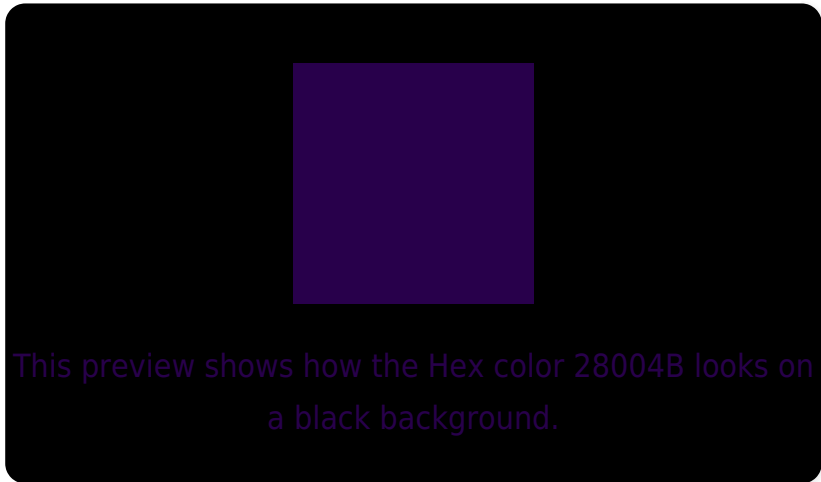
Large Text (above 18pt) WCAG AA ✓ Pass

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

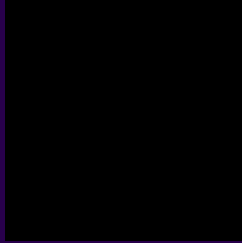
Any Text WCAG AA × Fail

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 28004B Background



This preview shows how black text looks on a background with the Hex color 28004B.



This preview shows how white text looks on a background with the Hex color 28004B.

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
28004B

Protanopia
001C3C

Deuteranopia
001E33



Tritanopia
1D1D20

Trichromacy



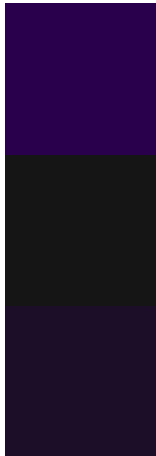
Original Color
28004B

Protanomaly
0F1241

Deuteranomaly
0F133C

Tritanomaly
211230

Monochromacy



Original Color
28004B

Achromatopsia
151515

Achromatomaly
1C0D29

CSS Examples

Text

The CSS property to change the color of the text to Hex 28004B 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 #28004B looks like.

```
.text, #text, p{  
    color:#28004B  
}
```

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 #28004B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28004B
}
```

Border

The CSS property to change the border of an element to Hex 28004B 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".

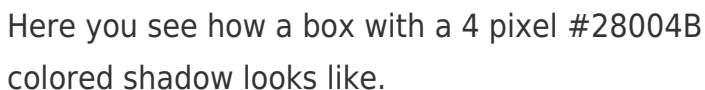
```
.border, #border, table{ border:4px solid
#28004B }
```

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

```
.border{ border-color:#28004B }
```

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

Here you see how a box with a 4 pixel #28004B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28004B; -webkit-box-shadow:4px 4px  
4px 4px #28004B; box-shadow:4px 4px 4px  
4px #28004B }
```

Background

The CSS property to change the background color of an element to Hex 28004B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28004B }
```

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

```
.background{ background-color:#28004B }
```

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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