

Converting Colors

Hex(28094D)

Have a look what the booklet for
Hex(28094D) contains.

Hex(28094D)	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(28094D)

Conversions

Conversions Part 1

Format	Color
Hex	28094D
RGB	40, 9, 77
RGB Percent	16%, 4%, 30%
CMY	0.8431, 0.9647, 0.6980
CMYK	0.48, 0.88, 0.00, 0.70
HSL	267°, 79%, 17%
HSV	267°, 88%, 30%
XYZ	2.3123, 1.1823, 7.1275
YIQ	26.0210, -3.3520, 27.7200

Conversions

Conversions Part 2

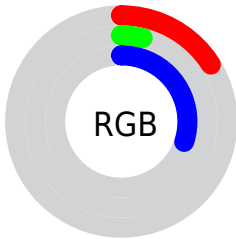
Format	Color
R _Y B	40, 9, 77
Decimal	2623821
CIE Lab	10.43, 30.97, -35.04
CIE LCh	10, 46.768, 311.473
Yxy	1.1823, 0.2177, 0.1113
Android (android.graphics.Color)	4280813901 (0xFF28094D)
YUV	26.0210, 25.1326, 12.2596
Hunter-Lab	10.8734, 18.9309, -31.2531




Details

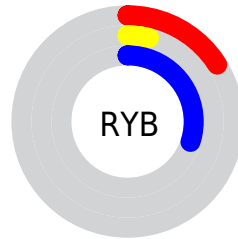
The Hex color **28094D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2E4D09**, and the grayscale version is **1A1A1A**.



A 20% lighter version of the original color is **5A377F**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **24014D**, and if you desaturate by 10%, it is **2C114D**.

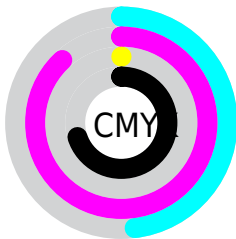
Distribution







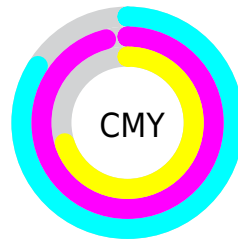
-  Red (16%)
-  Green (4%)
-  Blue (30%)






-  Red (16%)
-  Yellow (4%)
-  Blue (30%)



-  Cyan (48%)
-  Magenta (88%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (84%)
-  Magenta (96%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28094D 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 28094D by changing the saturation by 10% instead.

 28094D

 28094D

 FFEEFF

 160036

 5A377F

 000220

 744E99

 000003

 8E67B4

 000000

 A981D0

 C59BEC

 E2B6FF

 FFD2FF

 28094D

 28094D

■ 24014D

■ 2C114D

■ 23004D

■ 30184D

■ 35204D

■ 39284D

■ 3D2F4D

■ 41374D

■ 453F4D

■ 4A474D

■ 4E4E4D

Harmonies

Analogous

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



001E5C



28094D



480031

Triad

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



28094D



341300



002A28

Complementary

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



28094D



2E4D09

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.



002900



28094D



1A1F00

Square

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



28094D



470000



002500



002947

Rectangle

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



28094D



4F001C



002500



002A1D

Sweetspot

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



28094D



554A63



092E4D



2A2333



B3B3B3



333333

Same Dimension

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



28094D



2D0063



4A094D



242226



2F0066



6900E6

Inverse Universe

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



4D092E



630036



0C4D09



262225



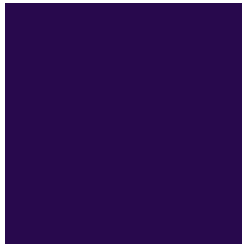
660037



E6007D

Previews

White Background



This preview shows how the Hex color 28094D looks on a white background.

Color Contrast Check

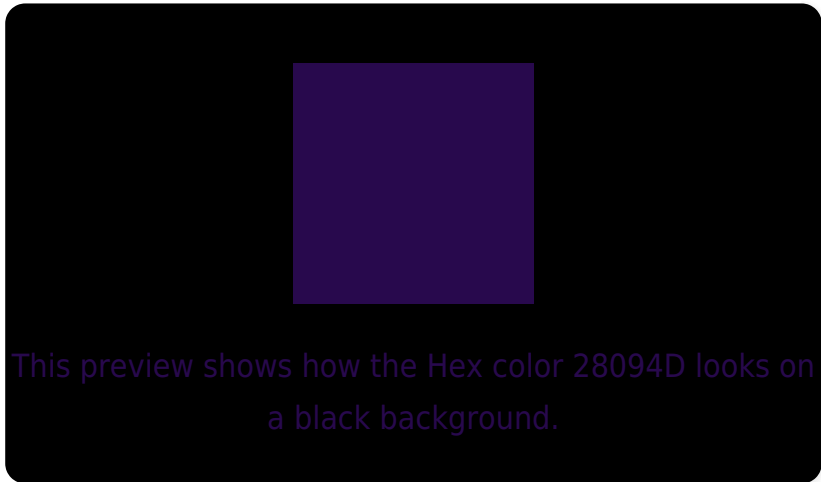
Large Text (above 18pt) WCAG AA ✓ Pass

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

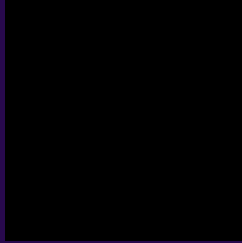
Any Text WCAG AA × Fail

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 28094D Background



This preview shows how black text looks on a background with the Hex color 28094D.



This preview shows how white text looks on a background with the Hex color 28094D.

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
28094D

Protanopia
001E3E

Deuteranopia
001F35



Tritanopia
1C1F21

Trichromacy



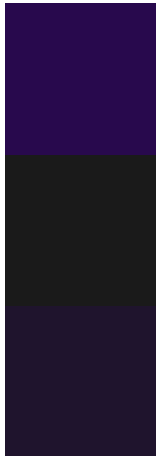
Original Color
28094D

Protanomaly
0F1643

Deuteranomaly
0F173E

Tritanomaly
201731

Monochromacy



Original Color
28094D

Achromatopsia
1A1A1A

Achromatomaly
1F142D

CSS Examples

Text

The CSS property to change the color of the text to Hex 28094D 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 #28094D looks like.

```
.text, #text, p{  
    color:#28094D  
}
```

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 #28094D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28094D
}
```

Border

The CSS property to change the border of an element to Hex 28094D 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
#28094D }
```

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

```
.border{ border-color:#28094D }
```

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

Here you see how a box with a 4 pixel #28094D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28094D; -webkit-box-shadow:4px 4px  
4px 4px #28094D; box-shadow:4px 4px 4px  
4px #28094D }
```

Background

The CSS property to change the background color of an element to Hex 28094D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28094D }
```

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

```
.background{ background-color:#28094D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor