

Converting Colors

Hex(28005C)

Have a look what the booklet for
Hex(28005C) contains.

Hex(28005C)	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(28005C)

Conversions

Conversions Part 1

Format	Color
Hex	28005C
RGB	40, 0, 92
RGB Percent	16%, 0%, 36%
CMY	0.8431, 1.0000, 0.6392
CMYK	0.57, 1.00, 0.00, 0.64
HSL	266°, 100%, 18%
HSV	266°, 100%, 36%
XYZ	2.8068, 1.2238, 10.2135
YIQ	22.4480, -5.6920, 37.0920

Conversions

Conversions Part 2

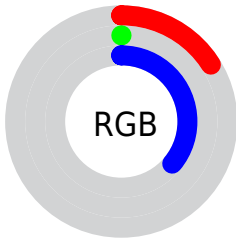
Format	Color
R_{YB}	40, 0, 92
Decimal	2621532
CIE Lab	10.73, 39.32, -44.78
CIE LCh	11, 59.598, 311.286
Yxy	1.2238, 0.1971, 0.0859
Android (android.graphics.Color)	4280811612 (0xFF28005C)
YUV	22.4480, 34.2891, 15.3931
Hunter-Lab	11.0627, 25.9297, -46.9951

Details

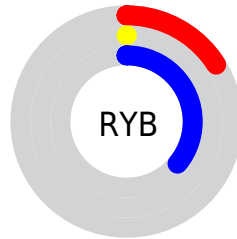
The Hex color **28005C** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **345C00**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **5D318F**, and **00032D** is the 20% darker color. If you saturate the color by 10%, you get **28005C**, and if you desaturate by 10%, it is **2D095C**.

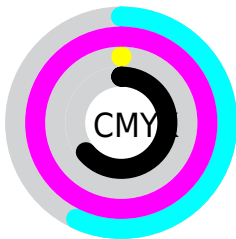
Distribution



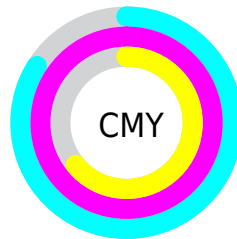
- Red (16%)
- Green (0%)
- Blue (36%)



- Red (16%)
- Yellow (0%)
- Blue (36%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (64%)



- Cyan (84%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28005C 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 28005C by changing the saturation by 10% instead.

 28005C

 28005C

 FFEAFF

 110044

 5D318F

 00032D

 7849AA

 000117

 9362C6

 000000

 AF7CE2

 CB96FF

 E8B1FF

 FFCDFD

 28005C

■ 2D095C

■ 32125C

■ 381C5C

■ 3D255C

■ 422E5C

■ 47375C

■ 4C405C

■ 524A5C

■ 57535C

Harmonies

Analogous

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



002070



28005C



530038

Triad

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



28005C



391000



002B2C

Complementary

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



28005C



345C00

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.



002A00



28005C



172000

Square

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



28005C



510000



002800



002D53

Rectangle

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



28005C



5C001E



002800



002A1E

Sweetspot

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



28005C



645478



00345C



31273D



BDBDBD



3D3D3D

Same Dimension

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



28005C



340078



56005C



2B292E



30006E



6700ED

Inverse Universe

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



5C0034



780044



065C00



2E292C



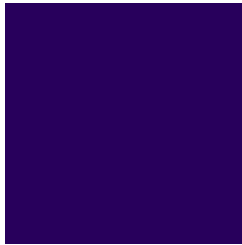
6E003E



ED0086

Previews

White Background



This preview shows how the Hex color 28005C looks on a white background.

Color Contrast Check

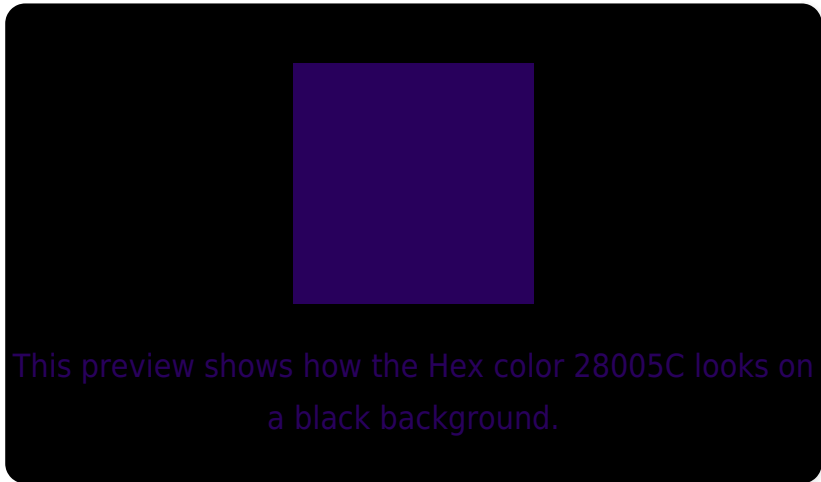
Large Text (above 18pt) WCAG AA ✓ Pass

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

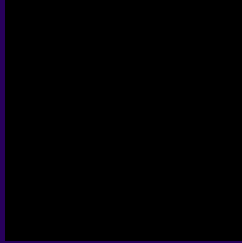
Any Text WCAG AA × Fail

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 28005C Background



This preview shows how black text looks on a background with the Hex color 28005C.



This preview shows how white text looks on a background with the Hex color 28005C.

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
28005C

Protanopia
002044

Deuteranopia
00223A



Tritanopia
142427

Trichromacy



Original Color
28005C

Protanomaly
0F144D

Deuteranomaly
0F1646

Tritanomaly
1B173A

Monochromacy



Original Color
28005C

Achromatopsia
161616

Achromatomaly
1D0E2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 28005C 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 #28005C looks like.

```
.text, #text, p{  
    color:#28005C  
}
```

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 #28005C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28005C
}
```

Border

The CSS property to change the border of an element to Hex 28005C is called "border". The border property can be set on classes, ids or directly on the HTML element.

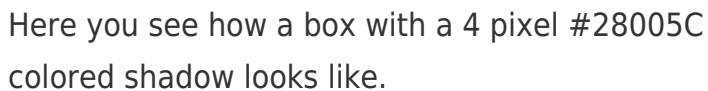
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28005C }
```

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

```
.border{ border-color:#28005C }
```

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



Here you see how a box with a 4 pixel #28005C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28005C; -webkit-box-shadow:4px 4px  
4px 4px #28005C; box-shadow:4px 4px 4px  
4px #28005C }
```

Background

The CSS property to change the background color of an element to Hex 28005C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28005C }
```

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

```
.background{ background-color:#28005C }
```

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