

Converting Colors

Hex(280005)

Have a look what the booklet for
Hex(280005) contains.

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Color

Hex(280005)

Conversions

Conversions Part 1

Format	Color
Hex	280005
RGB	40, 0, 5
RGB Percent	16%, 0%, 2%
CMY	0.8431, 1.0000, 0.9804
CMYK	0.00, 1.00, 0.87, 0.84
HSL	352°, 100%, 8%
HSV	352°, 100%, 16%
XYZ	0.9025, 0.4621, 0.1852
YIQ	12.5300, 22.2350, 10.0350

Conversions

Conversions Part 2

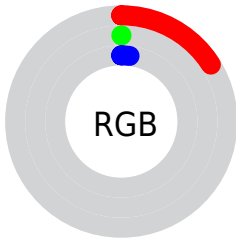
Format	Color
RYB	40, 0, 5
Decimal	2621445
CIELab	4.17, 18.92, 4.55
CIELCh	4, 19.459, 13.514
Yxy	0.4621, 0.5823, 0.2982
Android (android.graphics.Color)	4280811525 (0xFF280005)
YUV	12.5300, -3.7123, 24.0912
Hunter-Lab	6.7976, 11.8023, 3.1429

Details

The Hex color **280005** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002823**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **562E33**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **280005**, and if you desaturate by 10%, it is **280409**.

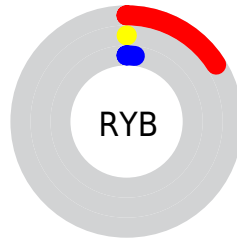
Distribution



Red (16%)

Green (0%)

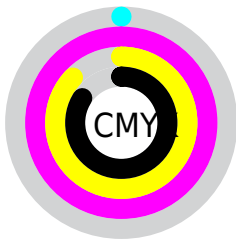
Blue (2%)



Red (16%)

Yellow (0%)

Blue (2%)

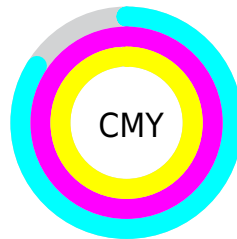


Cyan (0%)

Magenta (100%)

Yellow (87%)

Black (84%)



Cyan (84%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 280005 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 280005 by changing the saturation by 10% instead.

 280005

 280005

 FFE1E6

 000000

 562E33

 6F454A

 895D62

 A4767A

 BF8F94

 DCAAAF

 F9C5CA

 280005

■ 280409

■ 28080C

■ 280C10

■ 281013

■ 281416

■ 28181A

■ 281C1E

■ 282021

■ 282425

Harmonies

Analogous

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



240118



280005



250400

Triad

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



280005



001500



001328

Complementary

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



280005



002823

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.



001721



280005



001701

Square

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



280005



0C1100



001815



010E28

Rectangle

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



280005



1F0800



001815



001526

Sweetspot

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



280005



332426



230028



1A1011



999999



1A1A1A

Same Dimension

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



280005



330006



280F00



141213



54000B



D4001A

Inverse Universe

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



280005



330006



001928



141213



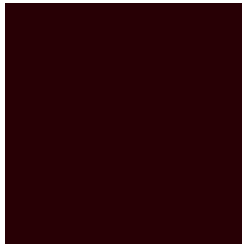
54000B



D4001A

Previews

White Background



This preview shows how the Hex color 280005 looks on a white background.

Color Contrast Check

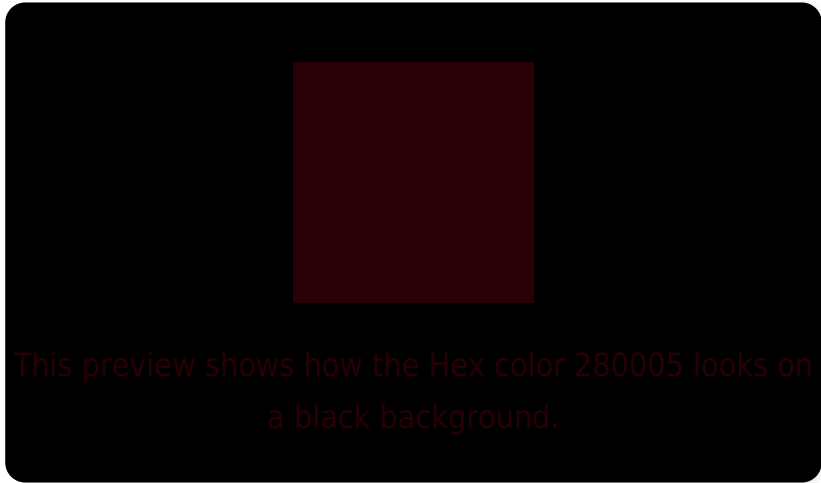
Large Text (above 18pt) WCAG AA ✓ Pass

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

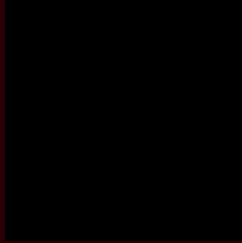
Any Text WCAG AA × Fail

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 280005 Background



This preview shows how black text looks on a background with the Hex color 280005.



This preview shows how white text looks on a background with the Hex color 280005.

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](#).

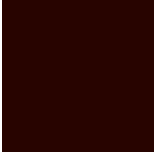
Dichromacy



Original Color
280005

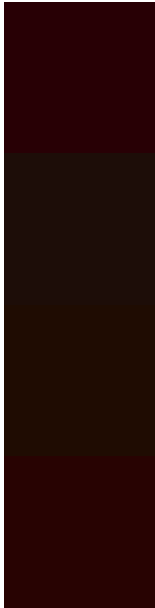
Protanopia
161409

Deuteranopia
1A1300



Tritanopia
280400

Trichromacy



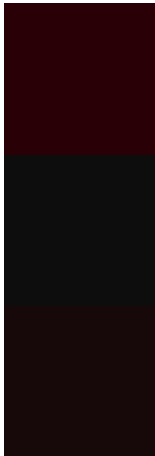
Original Color
280005

Protanomaly
1D0D08

Deuteranomaly
1F0C02

Tritanomaly
280302

Monochromacy



Original Color
280005

Achromatopsia
0D0D0D

Achromatomaly
17080A

CSS Examples

Text

The CSS property to change the color of the text to Hex 280005 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 #280005 looks like.

```
.text, #text, p{  
    color:#280005  
}
```

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 #280005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #280005
}
```

Border

The CSS property to change the border of an element to Hex 280005 is called "border". The border property can be set on classes, ids or directly on the HTML element.

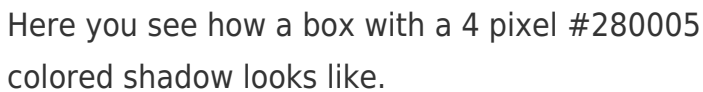
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#280005 }
```

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

```
.border{ border-color:#280005 }
```

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



Here you see how a box with a 4 pixel #280005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #280005; -webkit-box-shadow:4px 4px  
4px 4px #280005; box-shadow:4px 4px 4px  
4px #280005 }
```

Background

The CSS property to change the background color of an element to Hex 280005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#280005 }
```

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

```
.background{ background-color:#280005 }
```

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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