

Converting Colors

Hex(29005A)

Have a look what the booklet for
Hex(29005A) contains.

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Color

Hex(29005A)

Conversions

Conversions Part 1

Format	Color
Hex	29005A
RGB	41, 0, 90
RGB Percent	16%, 0%, 35%
CMY	0.8392, 1.0000, 0.6471
CMYK	0.54, 1.00, 0.00, 0.65
HSL	267°, 100%, 18%
HSV	267°, 100%, 35%
XYZ	2.7599, 1.2096, 9.7609
YIQ	22.5190, -4.4540, 36.6820

Conversions

Conversions Part 2

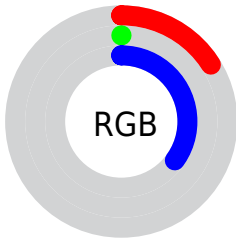
Format	Color
R_{YB}	41, 0, 90
Decimal	2687066
CIE _{Lab}	10.63, 38.91, -43.60
CIE _{LCh}	11, 58.435, 311.744
Yxy	1.2096, 0.2010, 0.0881
Android (android.graphics.Color)	4280877146 (0xFF29005A)
YUV	22.5190, 33.2681, 16.2078
Hunter-Lab	10.9982, 25.5464, -44.9210

Details

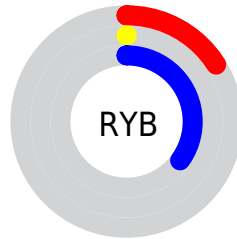
The Hex color **29005A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **315A00**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **5E318D**, and **00032B** is the 20% darker color. If you saturate the color by 10%, you get **29005A**, and if you desaturate by 10%, it is **2E095A**.

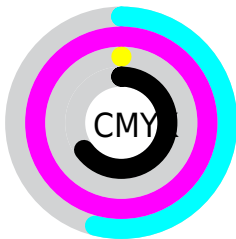
Distribution



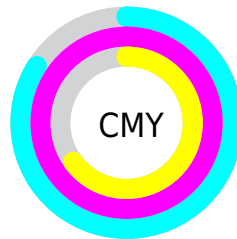
- Red (16%)
- Green (0%)
- Blue (35%)



- Red (16%)
- Yellow (0%)
- Blue (35%)



- Cyan (54%)
- Magenta (100%)
- Yellow (0%)
- Black (65%)



- Cyan (84%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29005A 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 29005A by changing the saturation by 10% instead.

 29005A

 29005A

 FFE9FF

 130042

 5E318D

 00032B

 7849A8

 000115

 9362C3

 000000

 AF7CE0

 CB96FD

 E8B1FF

 FFCDFD

 29005A

■ 2E095A

■ 33125A

■ 381B5A

■ 3D245A

■ 422D5A

■ 46365A

■ 4B3F5A

■ 50485A

■ 55515A

Harmonies

Analogous

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



001F6E



29005A



520037

Triad

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



29005A



381000



002B2C

Complementary

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



29005A



315A00

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



29005A



162000

Square

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



29005A



500000



002800



002C52

Rectangle

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



29005A



5B001D



002800



002A1E

Sweetspot

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



29005A



625275



00325A



2F263B



BABABA



3B3B3B

Same Dimension

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



29005A



350075



55005A



2B292E



32006E



6C00ED

Inverse Universe

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



5A0031



750040



045A00



2E292C



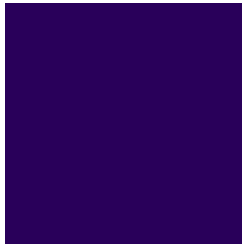
6E003C



ED0081

Previews

White Background



This preview shows how the Hex color 29005A looks on a white background.

Color Contrast Check

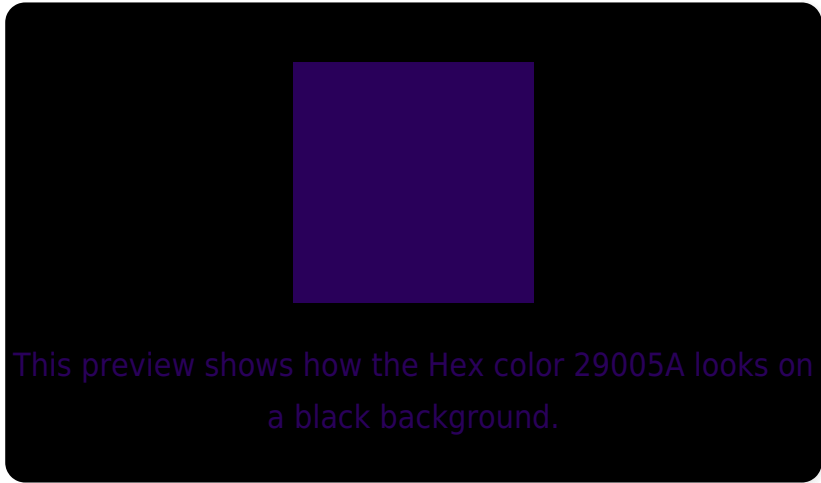
Large Text (above 18pt) WCAG AA ✓ Pass

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

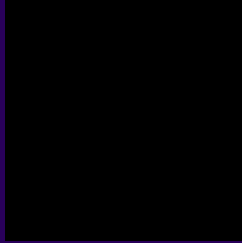
Any Text WCAG AA × Fail

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 29005A Background



This preview shows how black text looks on a background with the Hex color 29005A.



This preview shows how white text looks on a background with the Hex color 29005A.

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
29005A

Protanopia
002043

Deuteranopia
002239



Tritanopia
172326

Trichromacy



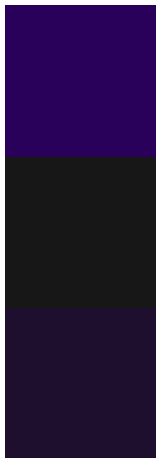
Original Color
29005A

Protanomaly
0F144B

Deuteranomaly
0F1645

Tritanomaly
1E1639

Monochromacy



Original Color
29005A

Achromatopsia
171717

Achromatomaly
1E0F2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 29005A 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 #29005A looks like.

```
.text, #text, p{  
    color:#29005A  
}
```

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 #29005A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29005A
}
```

Border

The CSS property to change the border of an element to Hex 29005A 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".

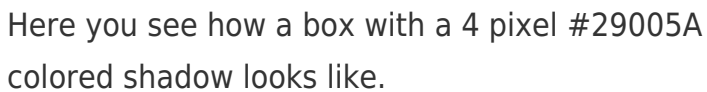
```
.border, #border, table{ border:4px solid
#29005A }
```

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

```
.border{ border-color:#29005A }
```

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

Here you see how a box with a 4 pixel #29005A colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29005A; -webkit-box-shadow:4px 4px  
4px 4px #29005A; box-shadow:4px 4px 4px  
4px #29005A }
```

Background

The CSS property to change the background color of an element to Hex 29005A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29005A }
```

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

```
.background{ background-color:#29005A }
```

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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