

Converting Colors

Hex(29005E)

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

Hex(29005E)	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(29005E)

Conversions

Conversions Part 1

Format	Color
Hex	29005E
RGB	41, 0, 94
RGB Percent	16%, 0%, 37%
CMY	0.8392, 1.0000, 0.6314
CMYK	0.56, 1.00, 0.00, 0.63
HSL	266°, 100%, 18%
HSV	266°, 100%, 37%
XYZ	2.9348, 1.2796, 10.6820
YIQ	22.9750, -5.7380, 37.9260

Conversions

Conversions Part 2

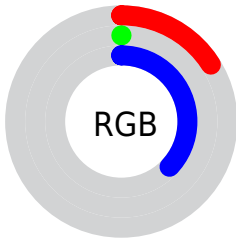
Format	Color
R_{YB}	41, 0, 94
Decimal	2687070
CIE _{Lab}	11.13, 39.91, -45.46
CIE _{LCh}	11, 60.498, 311.282
Yxy	1.2796, 0.1970, 0.0859
Android (android.graphics.Color)	4280877150 (0xFF29005E)
YUV	22.9750, 35.0153, 15.8079
Hunter-Lab	11.3118, 26.5159, -48.0705

Details

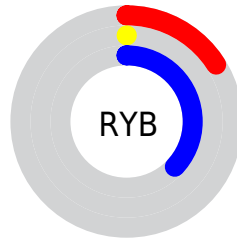
The Hex color **29005E** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **355E00**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **5E3291**, and **00022E** is the 20% darker color. If you saturate the color by 10%, you get **29005E**, and if you desaturate by 10%, it is **2E095E**.

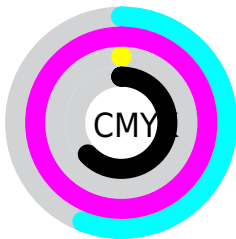
Distribution



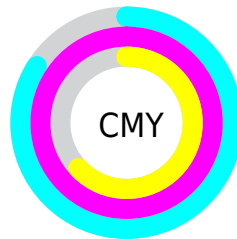
- Red (16%)
- Green (0%)
- Blue (37%)



- Red (16%)
- Yellow (0%)
- Blue (37%)



- Cyan (56%)
- Magenta (100%)
- Yellow (0%)
- Black (63%)



- Cyan (84%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients

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

 29005E

 29005E

 FFEAFF

 110046

 5E3291

 00022E

 794AAC

 000119

 9463C8

 000000

 B07CE4

 CD97FF

 E9B2FF

 FFCEFF

 29005E

■ 2E095E

■ 34135E

■ 391C5E

■ 3E265E

■ 442F5E

■ 49385E

■ 4E425E

■ 534B5E

■ 59555E

Harmonies

Analogous

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



002173



29005E



550039

Triad

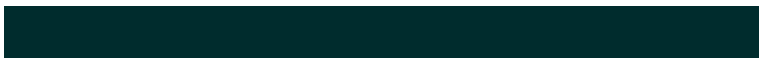
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29005E



3A1000



002C2D

Complementary

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



29005E



355E00

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.



002B00



29005E



182100

Square

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



29005E



530000



002900



002E55

Rectangle

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



29005E



5E001E



002900



002B1F

Sweetspot

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



29005E



66567A



00355E



31273D



BDBDBD



3D3D3D

Same Dimension

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



29005E



35007A



58005E



2B292E



30006E



6700ED

Inverse Universe

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



5E0035



7A0045



065E00



2E292C



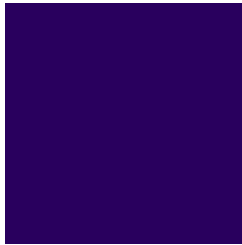
6E003E



ED0086

Previews

White Background



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

Color Contrast Check

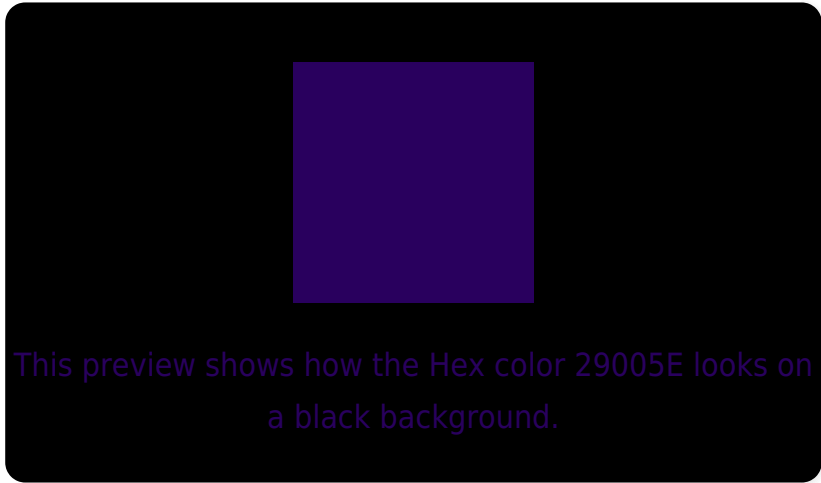
Large Text (above 18pt) WCAG AA ✓ Pass

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

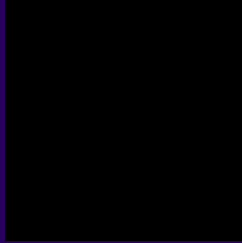
Any Text WCAG AA × Fail

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 29005E Background



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



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

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
29005E

Protanopia
002145

Deuteranopia
00233B



Tritanopia
152528

Trichromacy



Original Color

29005E

Protanomaly

0F154E

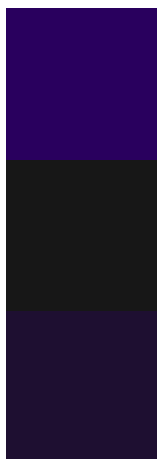
Deuteranomaly

0F1648

Tritanomaly

1C183C

Monochromacy



Original Color

29005E

Achromatopsia

171717

Achromatomaly

1E0F31

CSS Examples

Text

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

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

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 #29005E colored shadow looks like.

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

Border

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

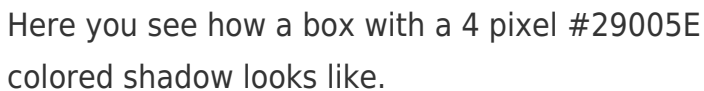
```
.border, #border, table{ border:4px solid
#29005E }
```

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

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

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

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



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

Background

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

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

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

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

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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