

Converting Colors

Hex(2E005D)

Have a look what the booklet for
Hex(2E005D) contains.

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Color

Hex(2E005D)

Conversions

Conversions Part 1

Format	Color
Hex	2E005D
RGB	46, 0, 93
RGB Percent	18%, 0%, 36%
CMY	0.8196, 1.0000, 0.6353
CMYK	0.51, 1.00, 0.00, 0.64
HSL	270°, 100%, 18%
HSV	270°, 100%, 36%
XYZ	3.1025, 1.3712, 10.4571
YIQ	24.3560, -2.4370, 38.6750

Conversions

Conversions Part 2

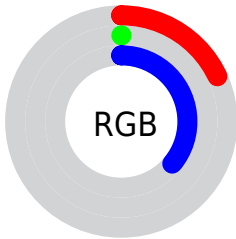
Format	Color
R_{YB}	46, 0, 93
Decimal	3014749
CIE _{Lab}	11.76, 40.12, -43.72
CIE _{LCh}	12, 59.339, 312.541
Yxy	1.3712, 0.2078, 0.0918
Android (android.graphics.Color)	4281204829 (0xFF2E005D)
YUV	24.3560, 33.8415, 18.9818
Hunter-Lab	11.7096, 26.8022, -44.7510

Details

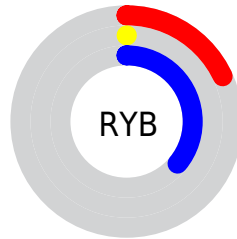
The Hex color **2E005D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2F5D00**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **633390**, and **00002E** is the 20% darker color. If you saturate the color by 10%, you get **2E005D**, and if you desaturate by 10%, it is **33095D**.

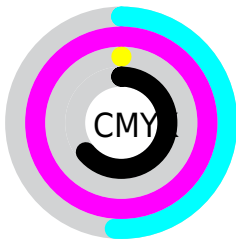
Distribution



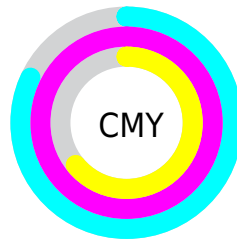
- Red (18%)
- Green (0%)
- Blue (36%)



- Red (18%)
- Yellow (0%)
- Blue (36%)



- Cyan (51%)
- Magenta (100%)
- Yellow (0%)
- Black (64%)



- Cyan (82%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E005D 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 2E005D by changing the saturation by 10% instead.

 2E005D

 2E005D

 FFECFF

 160045

 633390

 00002E

 7D4BAB

 000118

 9864C7

 000000

 B47EE3

 D198FF

 EEB3FF

 FFCFFF

 2E005D

■ 33095D

■ 37135D

■ 3C1C5D

■ 41255D

■ 452F5D

■ 4A385D

■ 4F415D

■ 544A5D

■ 58545D

Harmonies

Analogous

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



002172



2E005D



570039

Triad

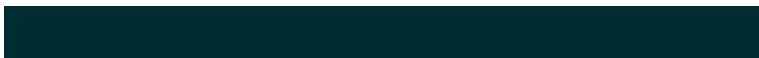
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E005D



3A1300



002E30

Complementary

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



2E005D



2F5D00

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.



002D00



2E005D



182300

Square

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



2E005D



530000



002A00



002F57

Rectangle

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



2E005D



5F001E



002A00



002D22

Sweetspot

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



2E005D



665478



00305D



32273D



BDBDBD



3D3D3D

Same Dimension

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



2E005D



3B0078



5B005D



2C292E



36006E



7500ED

Inverse Universe

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



5D002F



78003D



025D00



2E292C



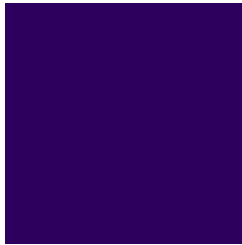
6E0037



ED0078

Previews

White Background



This preview shows how the Hex color 2E005D looks on a white background.

Color Contrast Check

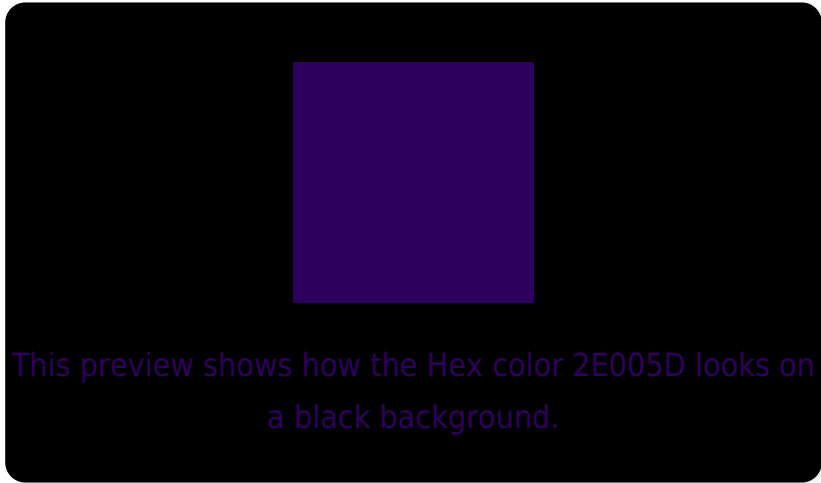
Large Text (above 18pt) WCAG AA ✓ Pass

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

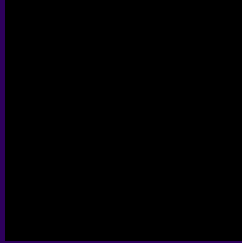
Any Text WCAG AA × Fail

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 2E005D Background



This preview shows how black text looks on a background with the Hex color 2E005D.



This preview shows how white text looks on a background with the Hex color 2E005D.

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
2E005D

Protanopia
002248

Deuteranopia
00243D



Tritanopia
1F2427

Trichromacy



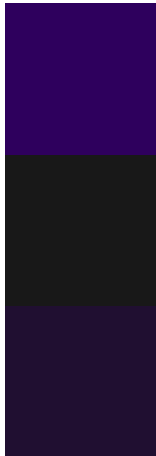
Original Color
2E005D

Protanomaly
111650

Deuteranomaly
111749

Tritanomaly
24173B

Monochromacy



Original Color
2E005D

Achromatopsia
181818

Achromatomaly
200F31

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E005D 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 #2E005D looks like.

```
.text, #text, p{  
    color:#2E005D  
}
```

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 #2E005D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E005D
}
```

Border

The CSS property to change the border of an element to Hex 2E005D 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
#2E005D }
```

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

```
.border{ border-color:#2E005D }
```

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

Here you see how a box with a 4 pixel #2E005D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E005D; -webkit-box-shadow:4px 4px  
4px 4px #2E005D; box-shadow:4px 4px 4px  
4px #2E005D }
```

Background

The CSS property to change the background color of an element to Hex 2E005D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E005D }
```

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

```
.background{ background-color:#2E005D }
```

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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