

Converting Colors

Hex(2E1D69)

Have a look what the booklet for
Hex(2E1D69) contains.

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Color

Hex(2E1D69)

Conversions

Conversions Part 1

Format	Color
Hex	2E1D69
RGB	46, 29, 105
RGB Percent	18%, 11%, 41%
CMY	0.8196, 0.8863, 0.5882
CMYK	0.56, 0.72, 0.00, 0.59
HSL	253°, 57%, 26%
HSV	253°, 72%, 41%
XYZ	4.1159, 2.4795, 13.6263
YIQ	42.7470, -14.2640, 27.2400

Conversions

Conversions Part 2

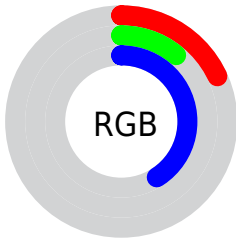
Format	Color
R_{YB}	46, 29, 105
Decimal	3022185
CIE _{Lab}	17.83, 29.78, -41.72
CIE _{LCh}	18, 51.258, 305.521
Yxy	2.4795, 0.2035, 0.1226
Android (android.graphics.Color)	4281212265 (0xFF2E1D69)
YUV	42.7470, 30.6907, 2.8529
Hunter-Lab	15.7464, 19.1011, -40.2845

Details

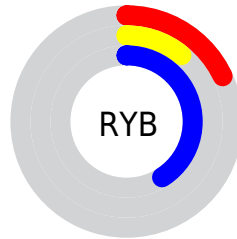
The Hex color **2E1D69** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **58691D**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **624A9D**, and **000039** is the 20% darker color. If you saturate the color by 10%, you get **261369**, and if you desaturate by 10%, it is **362769**.

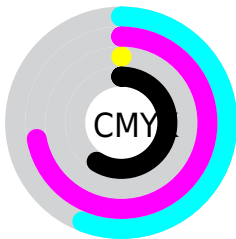
Distribution



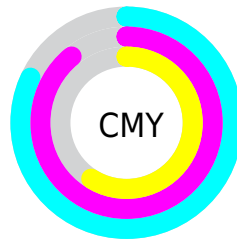
- Red (18%)
- Green (11%)
- Blue (41%)



- Red (18%)
- Yellow (11%)
- Blue (41%)



- Cyan (56%)
- Magenta (72%)
- Yellow (0%)
- Black (59%)



- Cyan (82%)
- Magenta (89%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E1D69 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 2E1D69 by changing the saturation by 10% instead.



2E1D69



2E1D69

FFFFFF



110850



624A9D



000039



7D62B8



000222



987CD4



000008



B496F1



000000



D0B1FF



EDCCFF



FFE8FF



2E1D69



2E1D69

■ 261369

■ 362769

■ 1E0869

■ 3E3269

■ 170069

■ 463C69

■ 4F4769

■ 575269

■ 5F5C69

■ 676669

■ 6F7169

■ 777C69

Harmonies

Analogous

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



002F77



2E1D69



5A004B

Triad

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



2E1D69



4E1D00



003A32

Complementary

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



2E1D69



58691D

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.



003808



2E1D69



312D00

Square

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



2E1D69



630000



013500



003A56

Rectangle

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



2E1D69



660033



013500



003925

Sweetspot

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



2E1D69



726B8A



1D5969



373345



C4C4C4



454545

Same Dimension

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



2E1D69



2D128A



531D69



313036



1A0075



3700F5

Inverse Universe

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



691D58



8A126F



33691D



363034



75005B



F500BE

Previews

White Background



This preview shows how the Hex color 2E1D69 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

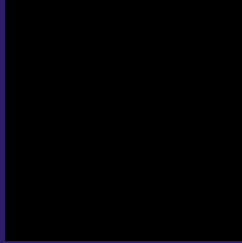
Any Text WCAG AA × Fail

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 2E1D69 Background



This preview shows how black text looks on a background with the Hex color 2E1D69.



This preview shows how white text looks on a background with the Hex color 2E1D69.

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
2E1D69

Protanopia
002B5A

Deuteranopia
002E4D

Trichromacy



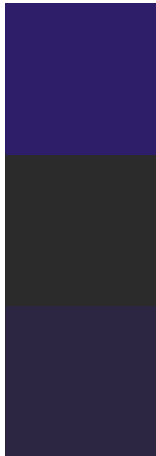
Original Color
2E1D69

Protanomaly
11265F

Deuteranomaly
112857

Tritanomaly
212947

Monochromacy



Original Color
2E1D69

Achromatopsia
2B2B2B

Achromatomaly
2C2642

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E1D69 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 #2E1D69 looks like.

```
.text, #text, p{  
    color:#2E1D69  
}
```

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 #2E1D69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E1D69
}
```

Border

The CSS property to change the border of an element to Hex 2E1D69 is called "border". The border property can be set on classes, ids or directly on the HTML element.

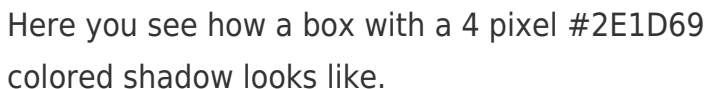
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E1D69 }
```

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

```
.border{ border-color:#2E1D69 }
```

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



Here you see how a box with a 4 pixel #2E1D69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E1D69; -webkit-box-shadow:4px 4px  
4px 4px #2E1D69; box-shadow:4px 4px 4px  
4px #2E1D69 }
```

Background

The CSS property to change the background color of an element to Hex 2E1D69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E1D69 }
```

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

```
.background{ background-color:#2E1D69 }
```

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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