

Converting Colors

Hex(2E2D88)

Have a look what the booklet for
Hex(2E2D88) contains.

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Color

Hex(2E2D88)

Conversions

Conversions Part 1

Format	Color
Hex	2E2D88
RGB	46, 45, 136
RGB Percent	18%, 18%, 53%
CMY	0.8196, 0.8235, 0.4667
CMYK	0.66, 0.67, 0.00, 0.47
HSL	241°, 50%, 35%
HSV	241°, 67%, 53%
XYZ	6.5090, 4.2352, 23.7670
YIQ	55.6730, -28.6150, 28.5130

Conversions

Conversions Part 2

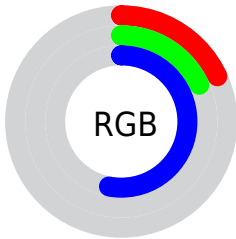
Format	Color
R_{YB}	46, 45, 136
Decimal	3026312
CIE _{Lab}	24.43, 30.28, -50.71
CIE _{LCh}	24, 59.059, 300.843
Yxy	4.2352, 0.1886, 0.1227
Android (android.graphics.Color)	4281216392 (0xFF2E2D88)
YUV	55.6730, 39.6012, -8.4832
Hunter-Lab	20.5796, 20.4428, -54.0672

Details

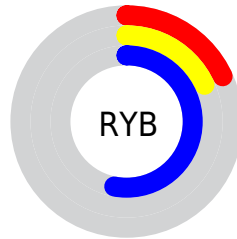
The Hex color **2E2D88** is a dark color, and the websafe version is hex **333399**, and the color name is **cosmic cobalt**. A complement of this color would be **87882D**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **675BBE**, and **000255** is the 20% darker color. If you saturate the color by 10%, you get **211F88**, and if you desaturate by 10%, it is **3B3B88**.

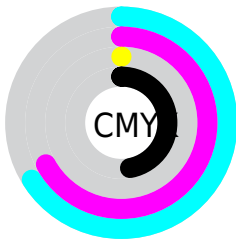
Distribution



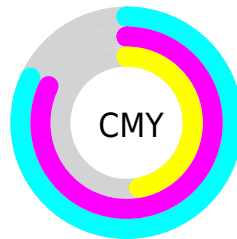
- Red (18%)
- Green (18%)
- Blue (53%)



- Red (18%)
- Yellow (18%)
- Blue (53%)



- Cyan (66%)
- Magenta (67%)
- Yellow (0%)
- Black (47%)



- Cyan (82%)
- Magenta (82%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2D88 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 2E2D88 by changing the saturation by 10% instead.

■ 2E2D88

■ 2E2D88

FFFFFF

■ 05186E

■ 675BBE

■ 000255

■ 8374DA

■ 00013D

■ 9F8EF7

■ 000326

■ BBA8FF

■ 00010F

■ D8C3FF

■ 000000

■ F6DFFF

■ FFFCFF

■ 2E2D88

■ 2E2D88

■ 211F88

■ 3B3B88

■ 131288

■ 494888

■ 060488

■ 565688

■ 010088

■ 646388

■ 717188

■ 7F7F88

■ 8C8C88

■ 9A9A88

■ A7A788

Harmonies

Analogous

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



004095



2E2D88



6D0066

Triad

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



2E2D88



692400



004B3A

Complementary

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



2E2D88



87882D

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.



004907



2E2D88



473900

Square

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



2E2D88



7F000F



174400



004B67

Rectangle

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



2E2D88



7F004A



174400



004A2A

Sweetspot

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



2E2D88



8D8DB0



2D8888



444459



D9D9D9



595959

Same Dimension

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



2E2D88



2523B0



5B2D88



3E3E45



010085



000005

Inverse Universe

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



882D87



B023AE



5B882D



453E45



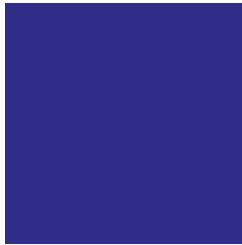
850083



050005

Previews

White Background



This preview shows how the Hex color 2E2D88 looks on a white background.

Color Contrast Check

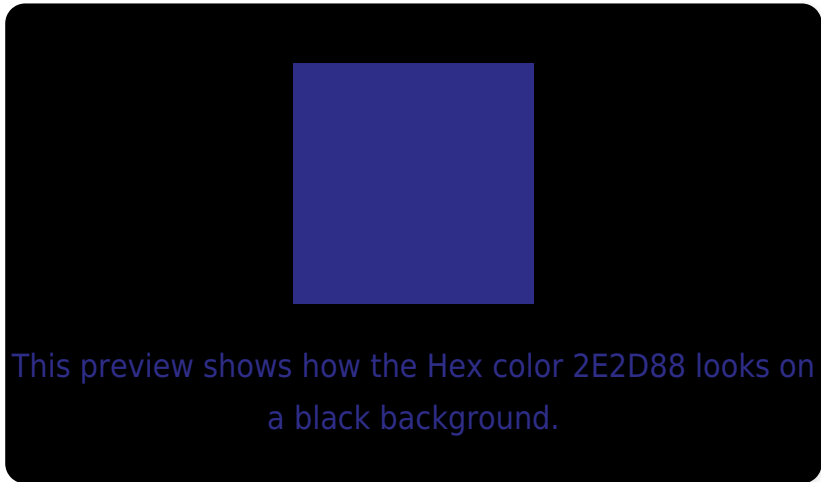
Large Text (above 18pt) WCAG AA ✓ Pass

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

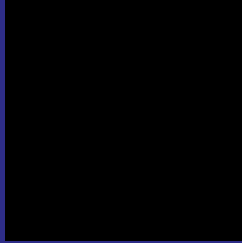
Any Text WCAG AA × Fail

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 2E2D88 Background



This preview shows how black text looks on a background with the Hex color 2E2D88.



This preview shows how white text looks on a background with the Hex color 2E2D88.

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
2E2D88

Protanopia
003877

Deuteranopia
003C66

Trichromacy



Original Color
2E2D88

Protanomaly
11347D

Deuteranomaly
113772

Tritanomaly
113A5D

Monochromacy



Original Color
2E2D88

Achromatopsia
383838

Achromatomaly
343455

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2D88 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 #2E2D88 looks like.

```
.text, #text, p{  
    color:#2E2D88  
}
```

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 #2E2D88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2D88
}
```

Border

The CSS property to change the border of an element to Hex 2E2D88 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
#2E2D88 }
```

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

```
.border{ border-color:#2E2D88 }
```

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

Here you see how a box with a 4 pixel #2E2D88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2D88; -webkit-box-shadow:4px 4px  
4px 4px #2E2D88; box-shadow:4px 4px 4px  
4px #2E2D88 }
```

Background

The CSS property to change the background color of an element to Hex 2E2D88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2D88 }
```

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

```
.background{ background-color:#2E2D88 }
```

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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