

Converting Colors

Hex(2E2780)

Have a look what the booklet for
Hex(2E2780) contains.

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Color

Hex(2E2780)

Conversions

Conversions Part 1

Format	Color
Hex	2E2780
RGB	46, 39, 128
RGB Percent	18%, 15%, 50%
CMY	0.8196, 0.8471, 0.4980
CMYK	0.64, 0.70, 0.00, 0.50
HSL	245°, 53%, 33%
HSV	245°, 70%, 50%
XYZ	5.7485, 3.5904, 20.8121
YIQ	51.2390, -24.3970, 29.1630

Conversions

Conversions Part 2

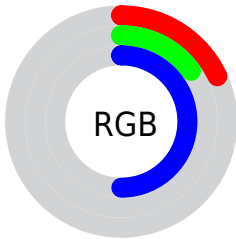
Format	Color
R_{YB}	46, 39, 128
Decimal	3024768
CIE _{Lab}	22.27, 31.32, -49.23
CIE _{LCh}	22, 58.344, 302.462
Y _{xy}	3.5904, 0.1907, 0.1191
Android (android.graphics.Color)	4281214848 (0xFF2E2780)
Y _{UV}	51.2390, 37.8432, -4.5946
Hunter-Lab	18.9483, 20.9935, -51.8580

Details

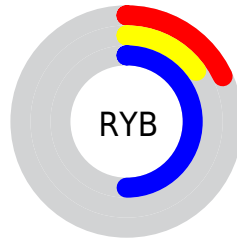
The Hex color **2E2780** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **798027**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **6655B6**, and **00004E** is the 20% darker color. If you saturate the color by 10%, you get **221A80**, and if you desaturate by 10%, it is **3A3480**.

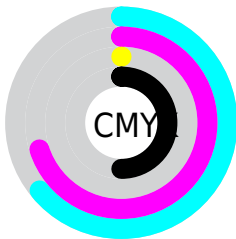
Distribution



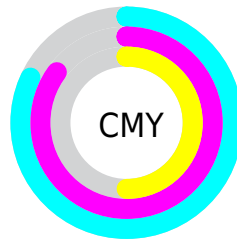
- Red (18%)
- Green (15%)
- Blue (50%)



- Red (18%)
- Yellow (15%)
- Blue (50%)



- Cyan (64%)
- Magenta (70%)
- Yellow (0%)
- Black (50%)



- Cyan (82%)
- Magenta (85%)
- Yellow (50%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2780 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 2E2780 by changing the saturation by 10% instead.

■ 2E2780

■ 2E2780

FFFFFF

■ 081266

■ 6655B6

■ 00004E

■ 816DD2

■ 000536

■ 9D87EE

■ 000220

■ BAA1FF

■ 000003

■ D6BDFF

■ 000000

■ F4D8FF

■ FFF5FF

■ 2E2780

■ 2E2780

■ 221A80

■ 3A3480

■ 160D80

■ 464180

■ 0B0180

■ 514D80

■ 0A0080

■ 5D5A80

■ 696780

■ 757480

■ 818180

■ 8C8D80

■ 989A80

Harmonies

Analogous

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



003B8E



2E2780



69005E

Triad

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



2E2780



612100



004538

Complementary

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



2E2780



798027

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.



004406



2E2780



3F3500

Square

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



2E2780



770007



0C3F00



004663

Rectangle

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



2E2780



790042



0C3F00



004529

Sweetspot

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



2E2780



8683A6



277A80



413F54



D4D4D4



545454

Same Dimension

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



2E2780



271CA6



592780



3A3940



0A0080



000000

Inverse Universe

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



802779



A61C9B



4E8027



40393F



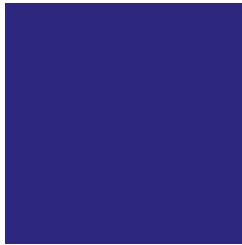
800075



000000

Previews

White Background



This preview shows how the Hex color 2E2780 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

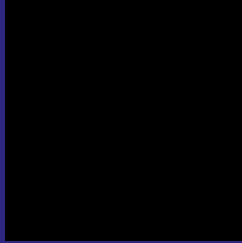
Any Text WCAG AA × Fail

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 2E2780 Background



This preview shows how black text looks on a background with the Hex color 2E2780.



This preview shows how white text looks on a background with the Hex color 2E2780.

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
2E2780

Protanopia
00346D

Deuteranopia
00375D

Trichromacy



Original Color
2E2780

Protanomaly
112F74

Deuteranomaly
11316A

Monochromacy



Original Color
2E2780

Achromatopsia
333333

Achromatomaly
312F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2780 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 #2E2780 looks like.

```
.text, #text, p{  
    color:#2E2780  
}
```

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 #2E2780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2780
}
```

Border

The CSS property to change the border of an element to Hex 2E2780 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
#2E2780 }
```

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

```
.border{ border-color:#2E2780 }
```

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

Here you see how a box with a 4 pixel #2E2780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2780; -webkit-box-shadow:4px 4px  
4px 4px #2E2780; box-shadow:4px 4px 4px  
4px #2E2780 }
```

Background

The CSS property to change the background color of an element to Hex 2E2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2780 }
```

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

```
.background{ background-color:#2E2780 }
```

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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