

Converting Colors

Hex(2E0888)

Have a look what the booklet for
Hex(2E0888) contains.

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Color

Hex(2E0888)

Conversions

Conversions Part 1

Format	Color
Hex	2E0888
RGB	46, 8, 136
RGB Percent	18%, 3%, 53%
CMY	0.8196, 0.9686, 0.4667
CMYK	0.66, 0.94, 0.00, 0.47
HSL	258°, 89%, 28%
HSV	258°, 94%, 53%
XYZ	5.6575, 2.5321, 23.4831
YIQ	33.9540, -18.4400, 47.8640

Conversions

Conversions Part 2

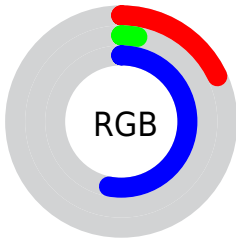
Format	Color
RYB	46, 8, 136
Decimal	3016840
CIELab	18.06, 48.40, -61.21
CIELCh	18, 78.033, 308.334
Yxy	2.5321, 0.1786, 0.0799
Android (android.graphics.Color)	4281206920 (0xFF2E0888)
YUV	33.9540, 50.3087, 10.5643
Hunter-Lab	15.9125, 35.6164, -76.3593




Details

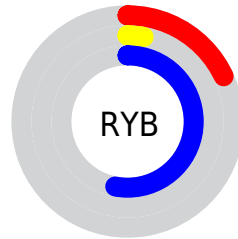
The Hex color **2E0888** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **628808**, and the grayscale version is **212121**.




A 20% lighter version of the original color is **6A3DBF**, and **000055** is the 20% darker color. If you saturate the color by 10%, you get **280088**, and if you desaturate by 10%, it is **381688**.

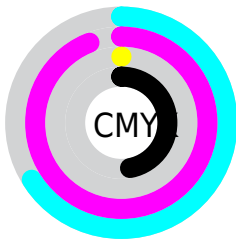
Distribution







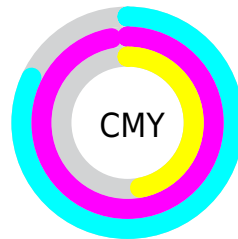
-  Red (18%)
-  Green (3%)
-  Blue (53%)






-  Red (18%)
-  Yellow (3%)
-  Blue (53%)



-  Cyan (66%)
-  Magenta (94%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (82%)
-  Magenta (97%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E0888 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 2E0888 by changing the saturation by 10% instead.

 2E0888

 2E0888

 FFF9FF

 00006E

 6A3DBF

 000055

 8656DB

 00063C

 A36FF8

 000226

 C08AFF

 00010E

 DEA5FF

 000000

 FBC0FF

 FFDDFF

 2E0888

 2E0888

■ 280088

■ 381688

■ 412388

■ 4B3188

■ 543E88

■ 5E4C88

■ 675A88

■ 716788

■ 7B7588

■ 848288

Harmonies

Analogous

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



0033A1



2E0888



740057

Triad

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



2E0888



571500



003F3B

Complementary

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



2E0888



628808

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.



003D00



2E0888



293000

Square

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



2E0888



770000



003900



004073

Rectangle

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



2E0888



830032



003900



003E27

Sweetspot

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



2E0888



8D7FB0



086488



443B59



D9D9D9



595959

Same Dimension

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



2E0888



3400B0



6C0888



403E45



270085



020005

Inverse Universe

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



880862



B0007C



248808



453E43



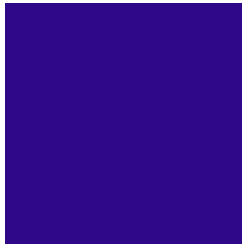
85005D



050004

Previews

White Background



This preview shows how the Hex color 2E0888 looks on a white background.

Color Contrast Check

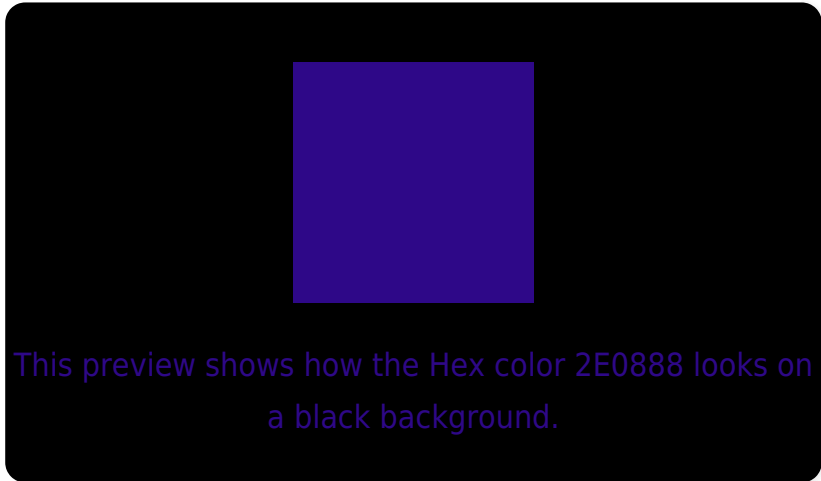
Large Text (above 18pt) WCAG AA ✓ Pass

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

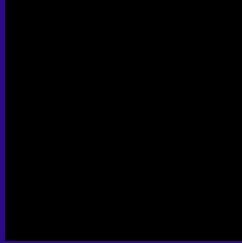
Any Text WCAG AA × Fail

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 2E0888 Background



This preview shows how black text looks on a background with the Hex color 2E0888.



This preview shows how white text looks on a background with the Hex color 2E0888.

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
2E0888

Protanopia
002D5E

Deuteranopia
003050

Trichromacy



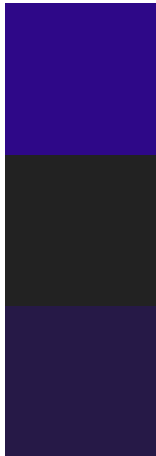
Original Color
2E0888

Protanomaly
11206D

Deuteranomaly
112164

Tritanomaly
112454

Monochromacy



Original Color
2E0888

Achromatopsia
222222

Achromatomaly
261947

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E0888 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 #2E0888 looks like.

```
.text, #text, p{  
    color:#2E0888  
}
```

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 #2E0888 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E0888
}
```

Border

The CSS property to change the border of an element to Hex 2E0888 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
#2E0888 }
```

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

```
.border{ border-color:#2E0888 }
```

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

Here you see how a box with a 4 pixel #2E0888 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E0888; -webkit-box-shadow:4px 4px  
4px 4px #2E0888; box-shadow:4px 4px 4px  
4px #2E0888 }
```

Background

The CSS property to change the background color of an element to Hex 2E0888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E0888 }
```

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

```
.background{ background-color:#2E0888 }
```

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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