

# Converting Colors

Hex(2E0693)

Have a look what the booklet for  
Hex(2E0693) contains.

<b>Hex(2E0693)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(2E0693)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E0693
RGB	46, 6, 147
RGB Percent	18%, 2%, 58%
CMY	0.8196, 0.9765, 0.4235
CMYK	0.69, 0.96, 0.00, 0.42
HSL	257°, 92%, 30%
HSV	257°, 96%, 58%
XYZ	6.4583, 2.8177, 27.8072
YIQ	34.0340, -21.4210, 52.3310

# Conversions

## Conversions Part 2

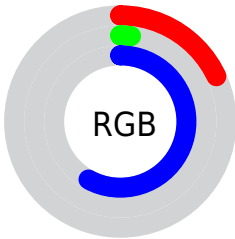
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 6, 147
Decimal	3016339
CIELab	19.30, 51.88, -66.03
CIELCh	19, 83.976, 308.158
Yxy	2.8177, 0.1742, 0.0760
Android (android.graphics.Color)	4281206419 (0xFF2E0693)
YUV	34.0340, 55.6922, 10.4942
Hunter-Lab	16.7859, 39.3015, -86.4685

# Details

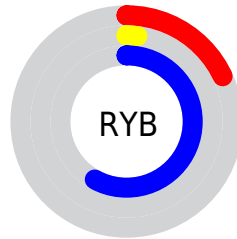
The Hex color **2E0693** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6B9306**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **6C3DCA**, and **00005F** is the 20% darker color. If you saturate the color by 10%, you get **2A0093**, and if you desaturate by 10%, it is **391593**.

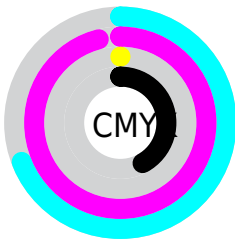
# Distribution



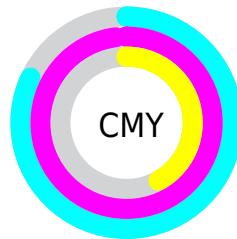
- Red (18%)
- Green (2%)
- Blue (58%)



- Red (18%)
- Yellow (2%)
- Blue (58%)



- Cyan (69%)
- Magenta (96%)
- Yellow (0%)
- Black (42%)



- Cyan (82%)
- Magenta (98%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E0693 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 2E0693 by changing the saturation by 10% instead.



 2E0693

 2E0693

 FFFBFF

 000078

 6C3DCA

 00005F

 8956E7

 000346

 A770FF

 00042F

 C48BFF

 000119

 E2A6FF

 000000

 FFC1FF

 FFDEFF

 2E0693

 2E0693

■ 2A0093

■ 391593

■ 432393

■ 4E3293

■ 584193

■ 635093

■ 6D5E93

■ 786D93

■ 827C93

■ 8D8A93

# Harmonies

## Analogous

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



0036AE



2E0693



7D005E

# Triad

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



2E0693



5D1500



00423F

# Complementary

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



2E0693



6B9306

# 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.



004000



2E0693



2B3300

# Square

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



2E0693



7F0000



003C00



00437C

# Rectangle

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



2E0693



8C0036



003C00



004229



# Sweetspot

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



2E0693



9888BF



066B93



493F61



E0E0E0



616161



# Same Dimension

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



2E0693



3600BF



740693



45434A



27008A



03000A



# Inverse Universe

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



93066B



BF0089



259306



4A4348



8A0063

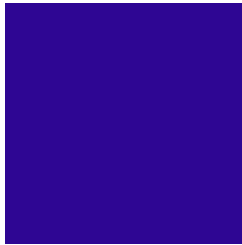


0A0007



# Previews

## White Background



This preview shows how the Hex color 2E0693 looks on a white background.

## Color Contrast Check

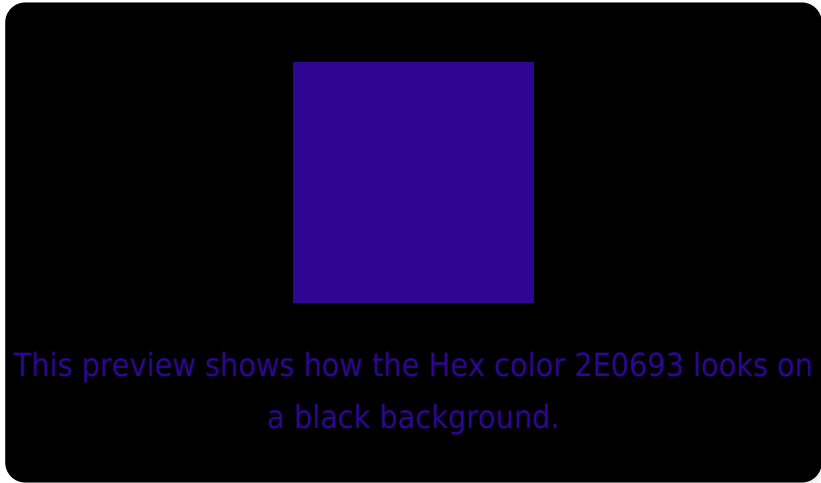
Large Text (above 18pt) WCAG AA ✓ Pass

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

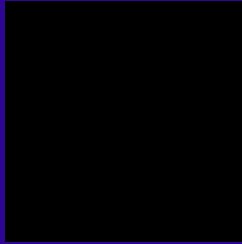
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2E0693 Background



This preview shows how black text looks on a background with the Hex color 2E0693.



This preview shows how white text looks on a background with the Hex color 2E0693.

# 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**  
2E0693

**Protanopia**  
003064

**Deuteranopia**  
003355



**Tritanopia**  
00373A

# Trichromacy



**Original Color**  
2E0693

**Protanomaly**  
112175

**Deuteranomaly**  
11236C

**Tritanomaly**  
11255A

# Monochromacy



**Original Color**  
2E0693

**Achromatopsia**  
222222

**Achromatomaly**  
26184B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E0693 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 #2E0693 looks like.

```
.text, #text, p{  
    color:#2E0693  
}
```

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 #2E0693 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E0693
}
```

## Border

The CSS property to change the border of an element to Hex 2E0693 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".

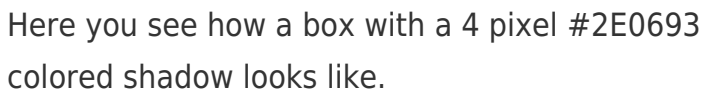
```
.border, #border, table{ border:4px solid
#2E0693 }
```

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

```
.border{ border-color:#2E0693 }
```

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

Here you see how a box with a 4 pixel #2E0693 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #2E0693 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E0693; -webkit-box-shadow:4px 4px  
4px 4px #2E0693; box-shadow:4px 4px 4px  
4px #2E0693 }
```

# Background

The CSS property to change the background color of an element to Hex 2E0693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E0693 }
```

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

```
.background{ background-color:#2E0693 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor