

Converting Colors

Hex(2E2BE2)

Have a look what the booklet for
Hex(2E2BE2) contains.

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Color

Hex(2E2BE2)

Conversions

Conversions Part 1

Format	Color
Hex	2E2BE2
RGB	46, 43, 226
RGB Percent	18%, 17%, 89%
CMY	0.8196, 0.8314, 0.1137
CMYK	0.80, 0.81, 0.00, 0.11
HSL	241°, 76%, 53%
HSV	241°, 81%, 89%
XYZ	15.7181, 7.7996, 72.6285
YIQ	64.7590, -56.9550, 57.5490

Conversions

Conversions Part 2

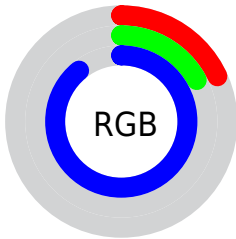
Format	Color
R _Y B	46, 43, 226
Decimal	3025890
CIE Lab	33.56, 60.82, -89.30
CIE LCh	34, 108.040, 304.257
Yxy	7.7996, 0.1635, 0.0811
Android (android.graphics.Color)	4281215970 (0xFF2E2BE2)
YUV	64.7590, 79.4918, -16.4516
Hunter-Lab	27.9277, 51.5884, -134.6395

Details

The Hex color **2E2BE2** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **DFE22B**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7C5DFF**, and **0000A9** is the 20% darker color. If you saturate the color by 10%, you get **1814E2**, and if you desaturate by 10%, it is **4442E2**.

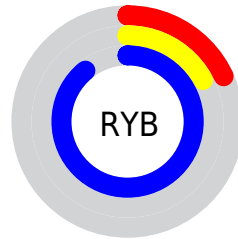
Distribution



Red (18%)

Green (17%)

Blue (89%)



Red (18%)

Yellow (17%)

Blue (89%)

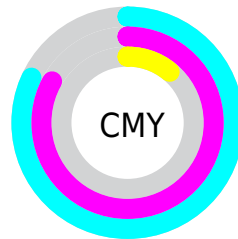


Cyan (80%)

Magenta (81%)

Yellow (0%)

Black (11%)



Cyan (82%)



















Magenta (83%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2BE2 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 2E2BE2 by changing the saturation by 10% instead.

 2E2BE2	 2E2BE2
 FFFFFFFF	 0010C5
 7C5DFF	 0000A9
 9D77FF	 00008D
 BD92FF	 000073
 DDADFF	 000D59
 FCC9FF	 000741
 FFE6FF	 00032A
	 000114
	 000000

■ 2E2BE2

■ 2E2BE2

■ 1814E2

■ 4442E2

■ 0400E2

■ 5A58E2

■ 716FE2

■ 8785E2

■ 9D9CE2

■ B3B3E2

■ CAC9E2

■ E0E0E2

■ F6F6E2

Harmonies

Analogous

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



005CFF



2E2BE2



B5009C

Triad

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



2E2BE2



982200



00695A

Complementary

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



2E2BE2



DFE22B

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.



006700



2E2BE2



575100

Square

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



2E2BE2



C60000



006100



006CB0

Rectangle

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



2E2BE2



D10064



006100



00693B

Sweetspot

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



2E2BE2



C3C2FF



2BE2E2



5B5B80



000000



808080

Same Dimension

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



2E2BE2



0C08FF



872BE2



656570



0300B0



010030

Inverse Universe

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



E22BDF



FF08FB



87E22B



706570



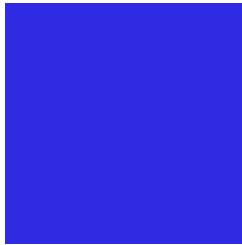
B000AD



300030

Previews

White Background



This preview shows how the Hex color 2E2BE2 looks on a white background.

Color Contrast Check

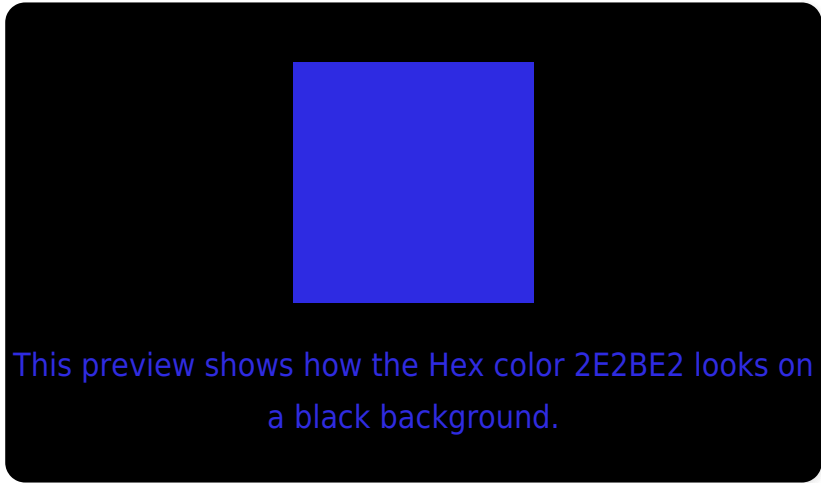
Large Text (above 18pt) WCAG AA ✓ Pass

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

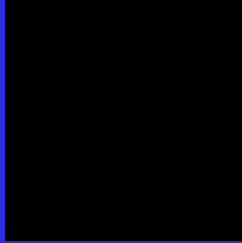
Any Text WCAG AA × Fail

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 2E2BE2 Background



This preview shows how black text looks on a background with the Hex color 2E2BE2.



This preview shows how white text looks on a background with the Hex color 2E2BE2.

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





Tritanopia
00575C

Trichromacy



Original Color
2E2BE2

Protanomaly
1140B7

Deuteranomaly
1143A8

Tritanomaly
11478D

Monochromacy



Original Color
2E2BE2

Achromatopsia
414141

Achromatomaly
3A397C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2BE2 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 #2E2BE2 looks like.

```
.text, #text, p{  
    color:#2E2BE2  
}
```

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 #2E2BE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2BE2
}
```

Border

The CSS property to change the border of an element to Hex 2E2BE2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

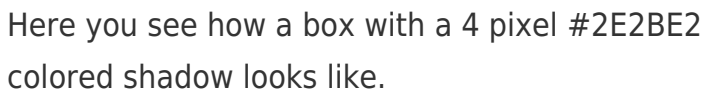
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E2BE2 }
```

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

```
.border{ border-color:#2E2BE2 }
```

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



Here you see how a box with a 4 pixel #2E2BE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2BE2; -webkit-box-shadow:4px 4px  
4px 4px #2E2BE2; box-shadow:4px 4px 4px  
4px #2E2BE2 }
```

Background

The CSS property to change the background color of an element to Hex 2E2BE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2BE2 }
```

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

```
.background{ background-color:#2E2BE2 }
```

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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