

Converting Colors

Hex(2E02BE)

Have a look what the booklet for
Hex(2E02BE) contains.

Hex(2E02BE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2E02BE)

Conversions

Conversions Part 1

Format	Color
Hex	2E02BE
RGB	46, 2, 190
RGB Percent	18%, 1%, 75%
CMY	0.8196, 0.9922, 0.2549
CMYK	0.76, 0.99, 0.00, 0.25
HSL	254°, 98%, 38%
HSV	254°, 99%, 75%
XYZ	10.4427, 4.3420, 49.0029
YIQ	36.5880, -34.1240, 67.7960

Conversions

Conversions Part 2

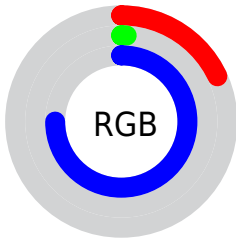
Format	Color
R_{YB}	46, 2, 190
Decimal	3015358
CIE _{Lab}	24.77, 63.74, -82.97
CIE _{LCh}	25, 104.628, 307.531
Yxy	4.3420, 0.1637, 0.0681
Android (android.graphics.Color)	4281205438 (0xFF2E02BE)
YUV	36.5880, 75.6321, 8.2543
Hunter-Lab	20.8374, 52.9901, -124.8451

Details

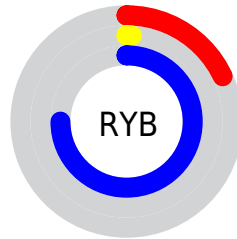
The Hex color **2E02BE** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **92BE02**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **7641F8**, and **000087** is the 20% darker color. If you saturate the color by 10%, you get **2C00BE**, and if you desaturate by 10%, it is **3D15BE**.

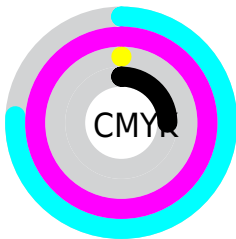
Distribution



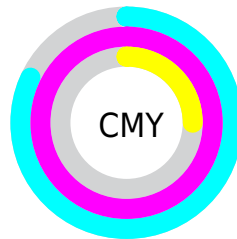
- Red (18%)
- Green (1%)
- Blue (75%)



- Red (18%)
- Yellow (1%)
- Blue (75%)



- Cyan (76%)
- Magenta (99%)
- Yellow (0%)
- Black (25%)



- Cyan (82%)
- Magenta (99%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E02BE 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 2E02BE by changing the saturation by 10% instead.


 2E02BE

 2E02BE

FFFFFF

 0000A2

 7641F8

 000087

 955BFF

 00006C

 B476FF

 000B53

 D391FF

 00063B

 F2ACFF

 000224

 FFC9FF

 00000C

 FFE5FF

 000000

 2E02BE

 2E02BE

■ 2C00BE

■ 3D15BE

■ 4B28BE

■ 5A3BBE

■ 684EBE

■ 7761BE

■ 8574BE

■ 9487BE

■ A29ABE

■ B1ADBE

Harmonies

Analogous

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



0046E1



2E02BE



9E0079

Triad

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



2E02BE



761500



00524E

Complementary

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



2E02BE



92BE02

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.



004F00



2E02BE



373F00

Square

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



2E02BE



A20000



004B00



00549D

Rectangle

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



2E02BE



B20046



004B00



005132

Sweetspot

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



2E02BE



BFADF7



0292BE



5A507D



FCFCFC



7D7D7D

Same Dimension

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



2E02BE



3A00F7



8C02BE



57555E



25009E



07001F

Inverse Universe

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



BE0292



F700BD



34BE02



5E555C



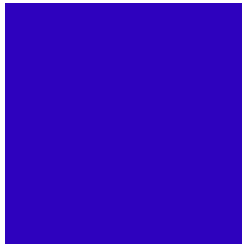
9E0079



1F0017

Previews

White Background



This preview shows how the Hex color 2E02BE looks on a white background.

Color Contrast Check

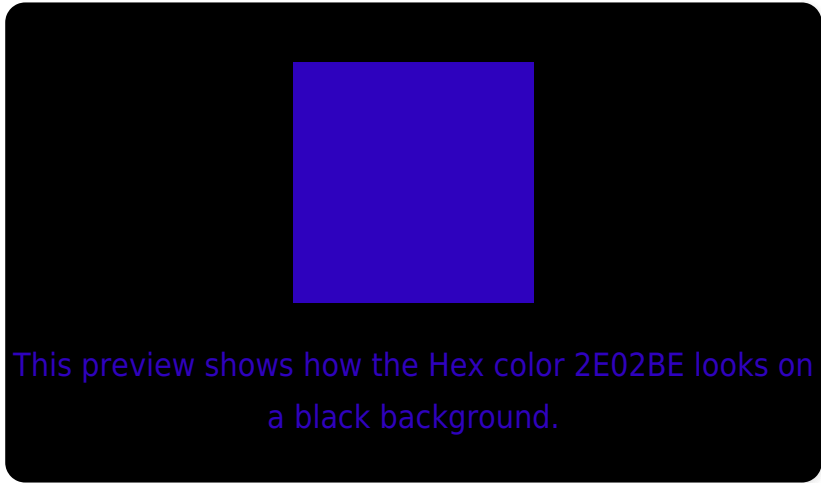
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E02BE Background



This preview shows how black text looks on a background with the Hex color 2E02BE.



This preview shows how white text looks on a background with the Hex color 2E02BE.

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
2E02BE

Protanopia
003B7B

Deuteranopia
003F69

Trichromacy



Original Color
2E02BE

Protanomaly
112693

Deuteranomaly
112988

Tritanomaly
112C72

Monochromacy



Original Color
2E02BE

Achromatopsia
252525

Achromatomaly
28185D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E02BE 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 #2E02BE looks like.

```
.text, #text, p{  
    color:#2E02BE  
}
```

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 #2E02BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E02BE
}
```

Border

The CSS property to change the border of an element to Hex 2E02BE 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
#2E02BE }
```

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

```
.border{ border-color:#2E02BE }
```

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

Here you see how a box with a 4 pixel #2E02BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E02BE; -webkit-box-shadow:4px 4px  
4px 4px #2E02BE; box-shadow:4px 4px 4px  
4px #2E02BE }
```

Background

The CSS property to change the background color of an element to Hex 2E02BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E02BE }
```

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

```
.background{ background-color:#2E02BE }
```

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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