

Converting Colors

Hex(2E17BA)

Have a look what the booklet for
Hex(2E17BA) contains.

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Color

Hex(2E17BA)

Conversions

Conversions Part 1

Format	Color
Hex	2E17BA
RGB	46, 23, 186
RGB Percent	18%, 9%, 73%
CMY	0.8196, 0.9098, 0.2706
CMYK	0.75, 0.88, 0.00, 0.27
HSL	248°, 78%, 41%
HSV	248°, 88%, 73%
XYZ	10.2960, 4.7388, 46.8264
YIQ	48.4590, -38.6150, 55.5690

Conversions

Conversions Part 2

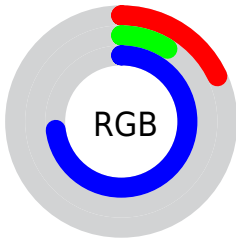
Format	Color
R_{YB}	46, 23, 186
Decimal	3020730
CIE _{Lab}	25.98, 57.41, -78.59
CIE _{LCh}	26, 97.327, 306.150
Yxy	4.7388, 0.1664, 0.0766
Android (android.graphics.Color)	4281210810 (0xFF2E17BA)
YUV	48.4590, 67.8077, -2.1565
Hunter-Lab	21.7688, 46.3301, -112.2993

Details

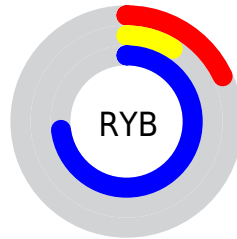
The Hex color **2E17BA** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **A3BA17**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **744BF4**, and **000083** is the 20% darker color. If you saturate the color by 10%, you get **1E04BA**, and if you desaturate by 10%, it is **3E2ABA**.

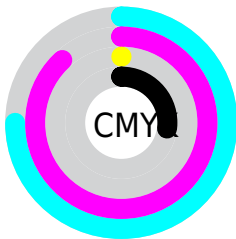
Distribution



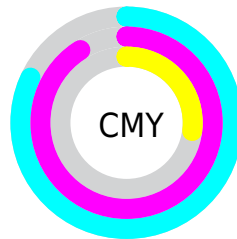
- Red (18%)
- Green (9%)
- Blue (73%)



- Red (18%)
- Yellow (9%)
- Blue (73%)



- Cyan (75%)
- Magenta (88%)
- Yellow (0%)
- Black (27%)



- Cyan (82%)
- Magenta (91%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E17BA 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 2E17BA by changing the saturation by 10% instead.

 2E17BA

 2E17BA

FFFFFF

 00009E

 744BF4

 000083

 9365FF

 000069

 B27FFF

 000A50

 D09AFF

 000538

 EFB5FF

 000221

 FFD1FF

 000007

 FFEEFF

 000000

 2E17BA

 2E17BA

■ 1E04BA

■ 3E2ABA

■ 1A00BA

■ 4E3CBA

■ 5E4FBA

■ 6E61BA

■ 7E74BA

■ 8E87BA

■ 9E99BA

■ AEACBA

■ BEBEBA

Harmonies

Analogous

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



0048D8



2E17BA



99007B

Triad

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



2E17BA



791A00



00544C

Complementary

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



2E17BA



A3BA17

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.



005200



2E17BA



3F4100

Square

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



2E17BA



A10000



004D00



005696

Rectangle

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



2E17BA



AE004B



004D00



005332

Sweetspot

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



2E17BA



BCB3F2



17A4BA



5A547A



FAFAFA



7A7A7A

Same Dimension

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



2E17BA



2200F2



7E17BA



54535C



16009C



04001C

Inverse Universe

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



BA17A3



F200D0



53BA17



5C535B



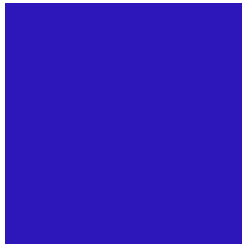
9C0086



1C0018

Previews

White Background



This preview shows how the Hex color 2E17BA 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

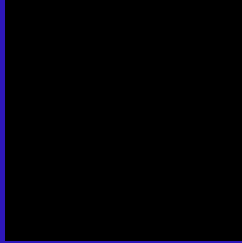
Any Text WCAG AA × Fail

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 2E17BA Background



This preview shows how black text looks on a background with the Hex color 2E17BA.



This preview shows how white text looks on a background with the Hex color 2E17BA.

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
2E17BA

Protanopia
003C7E

Deuteranopia
00406B

Trichromacy



Original Color
2E17BA

Protanomaly
112F94

Deuteranomaly
113188

Tritanomaly
113472

Monochromacy



Original Color
2E17BA

Achromatopsia
303030

Achromatomaly
2F2762

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E17BA 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 #2E17BA looks like.

```
.text, #text, p{  
    color:#2E17BA  
}
```

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 #2E17BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E17BA
}
```

Border

The CSS property to change the border of an element to Hex 2E17BA 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".

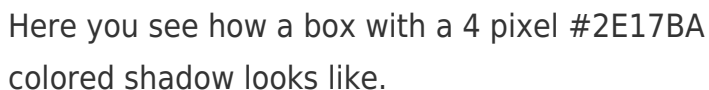
```
.border, #border, table{ border:4px solid
#2E17BA }
```

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

```
.border{ border-color:#2E17BA }
```

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

Here you see how a box with a 4 pixel #2E17BA colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E17BA; -webkit-box-shadow:4px 4px  
4px 4px #2E17BA; box-shadow:4px 4px 4px  
4px #2E17BA }
```

Background

The CSS property to change the background color of an element to Hex 2E17BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E17BA }
```

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

```
.background{ background-color:#2E17BA }
```

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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