

Converting Colors

Hex(2E06DA)

Have a look what the booklet for
Hex(2E06DA) contains.

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Color

Hex(2E06DA)

Conversions

Conversions Part 1

Format	Color
Hex	2E06DA
RGB	46, 6, 218
RGB Percent	18%, 2%, 85%
CMY	0.8196, 0.9765, 0.1451
CMYK	0.79, 0.97, 0.00, 0.15
HSL	251°, 95%, 44%
HSV	251°, 97%, 85%
XYZ	13.8467, 5.7730, 66.7142
YIQ	42.1280, -44.2120, 74.4120

Conversions

Conversions Part 2

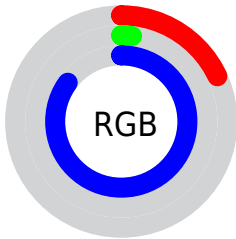
Format	Color
RYB	46, 6, 218
Decimal	3016410
CIELab	28.83, 69.85, -92.57
CIELCh	29, 115.967, 307.035
Yxy	5.7730, 0.1604, 0.0669
Android (android.graphics.Color)	4281206490 (0xFF2E06DA)
YUV	42.1280, 86.7049, 3.3957
Hunter-Lab	24.0272, 60.8211, -147.8064

Details

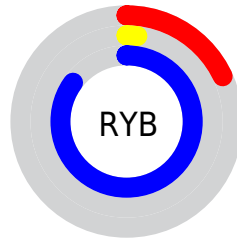
The Hex color **2E06DA** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **B2DA06**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **7C46FF**, and **0000A1** is the 20% darker color. If you saturate the color by 10%, you get **2900DA**, and if you desaturate by 10%, it is **401CDA**.

Distribution



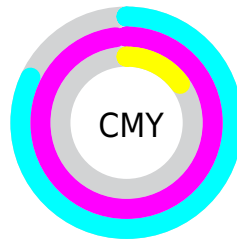
- Red (18%)
- Green (2%)
- Blue (85%)



- Red (18%)
- Yellow (2%)
- Blue (85%)



- Cyan (79%)
- Magenta (97%)
- Yellow (0%)
- Black (15%)



- Cyan (82%)
- Magenta (98%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E06DA 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 2E06DA by changing the saturation by 10% instead.

 2E06DA

 2E06DA

FFFFFF

 0000BD

 7C46FF

 0000A1

 9D61FF

 000086

 BD7CFF

 00026B

 DD98FF

 000B52

 FDB4FF

 00053A

 FFD0FF

 000223

 FFEDFF

 00000B

 000000

■ 2E06DA

■ 2E06DA

■ 2900DA

■ 401CDA

■ 5132DA

■ 6347DA

■ 755DDA

■ 8673DA

■ 9889DA

■ AA9FDA

■ BBB4DA

■ CDCADA

Harmonies

Analogous

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



0051FF



2E06DA



B3008D

Triad

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



2E06DA



881700



005D58

Complementary

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



2E06DA



B2DA06

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.



005B00



2E06DA



414900

Square

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



2E06DA



B90000



005700



0061B2

Rectangle

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



2E06DA



CB0052



005700



005D39

Sweetspot

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



2E06DA



C3B5FF



06B3DA



5B5380



000000



808080

Same Dimension

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



2E06DA



3000FF



9706DA



65636E



2100AD



09002E

Inverse Universe

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



DA06B2



FF00CF



49DA06



6E636C



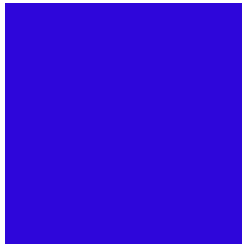
AD008D



2E0025

Previews

White Background



This preview shows how the Hex color 2E06DA looks on a white background.

Color Contrast Check

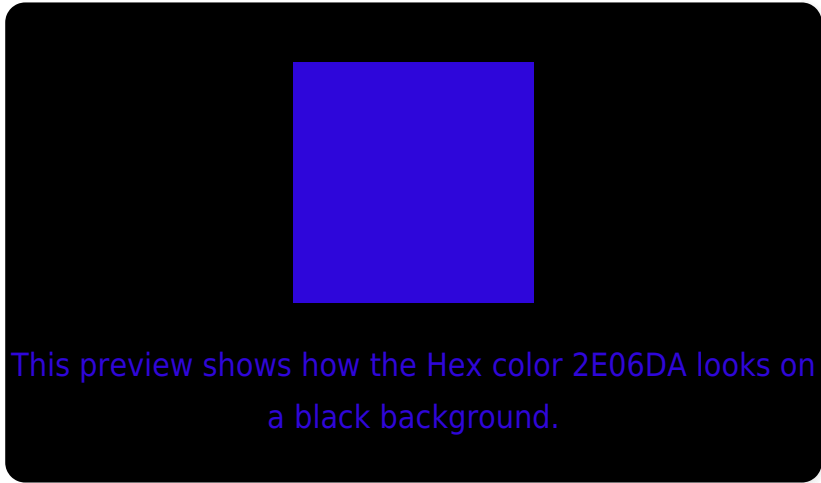
Large Text (above 18pt) WCAG AA ✓ Pass

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

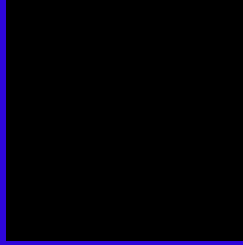
Any Text WCAG AA × Fail

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 2E06DA Background



This preview shows how black text looks on a background with the Hex color 2E06DA.



This preview shows how white text looks on a background with the Hex color 2E06DA.

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
2E06DA

Protanopia
00438C

Deuteranopia
004776

Trichromacy



Original Color
2E06DA

Protanomaly
112DA8

Deuteranomaly
112F9A

Tritanomaly
113382

Monochromacy



Original Color
2E06DA

Achromatopsia
2A2A2A

Achromatomaly
2B1D6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E06DA 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 #2E06DA looks like.

```
.text, #text, p{  
    color:#2E06DA  
}
```

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 #2E06DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E06DA
}
```

Border

The CSS property to change the border of an element to Hex 2E06DA 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
#2E06DA }
```

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

```
.border{ border-color:#2E06DA }
```

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

Here you see how a box with a 4 pixel #2E06DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E06DA; -webkit-box-shadow:4px 4px  
4px 4px #2E06DA; box-shadow:4px 4px 4px  
4px #2E06DA }
```

Background

The CSS property to change the background color of an element to Hex 2E06DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E06DA }
```

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

```
.background{ background-color:#2E06DA }
```

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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