

Converting Colors

Hex(2E42AB)

Have a look what the booklet for
Hex(2E42AB) contains.

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Color

Hex(2E42AB)

Conversions

Conversions Part 1

Format	Color
Hex	2E42AB
RGB	46, 66, 171
RGB Percent	18%, 26%, 67%
CMY	0.8196, 0.7412, 0.3294
CMYK	0.73, 0.61, 0.00, 0.33
HSL	230°, 58%, 43%
HSV	230°, 73%, 67%
XYZ	10.4256, 7.4175, 39.4103
YIQ	71.9900, -45.6250, 28.4150

Conversions

Conversions Part 2

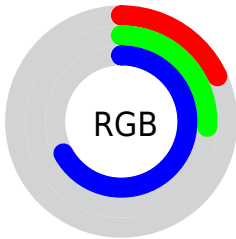
Format	Color
R_{YB}	46, 63, 171
Decimal	3031723
CIE _{Lab}	32.74, 29.26, -58.50
CIE _{LCh}	33, 65.410, 296.575
Yxy	7.4175, 0.1821, 0.1296
Android (android.graphics.Color)	4281221803 (0xFF2E42AB)
YUV	71.9900, 48.8119, -22.7932
Hunter-Lab	27.2352, 20.6682, -66.7302




Details

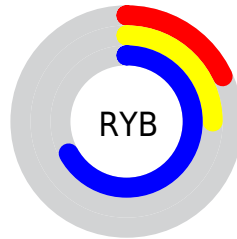
The Hex color **2E42AB** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **AB972E**, and the grayscale version is **484848**.




A 20% lighter version of the original color is **6D72E3**, and **001876** is the 20% darker color. If you saturate the color by 10%, you get **1D34AB**, and if you desaturate by 10%, it is **3F50AB**.

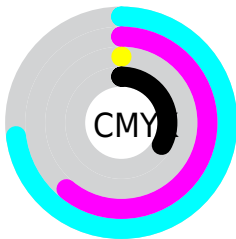
Distribution







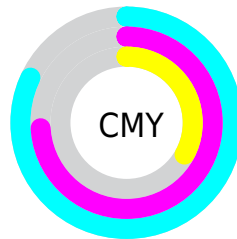
-  Red (18%)
-  Green (26%)
-  Blue (67%)






-  Red (18%)
-  Yellow (25%)
-  Blue (67%)



-  Cyan (73%)
-  Magenta (61%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (82%)
-  Magenta (74%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E42AB 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 2E42AB by changing the saturation by 10% instead.

■ 2E42AB

■ 2E42AB

FFFFFF

■ 002C90

■ 6D72E3

■ 001876

■ 8B8BFF

■ 00005C

■ A8A6FF

■ 000744

■ C5C1FF

■ 00032C

■ E3DDFF

■ 000117

■ FFF9FF

■ 000000

■ 2E42AB

■ 2E42AB

■ 1D34AB

■ 3F50AB

■ 0C25AB

■ 505FAB

■ 001BAB

■ 616DAB

■ 727BAB

■ 848AAB

■ 9598AB

■ A6A7AB

■ B7B5AB

■ C8C3AB

Harmonies

Analogous

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



0056B6



2E42AB



831D87

Triad

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



2E42AB



8A3000



006145

Complementary

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



2E42AB



AB972E

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.



005E08



2E42AB



644900

Square

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



2E42AB



A00023



325700



00627A

Rectangle

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



2E42AB



9A0066



325700



006033

Sweetspot

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



2E42AB



ADB5DE



2EAB96



535870



F0F0F0



707070

Same Dimension

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



2E42AB



1B3ADE



582EAB



4E4F57



001896



000417

Inverse Universe

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



AB2E42



DE1B3A



81AB2E



574E4F



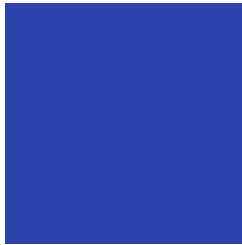
960018



170004

Previews

White Background



This preview shows how the Hex color 2E42AB looks on a white background.

Color Contrast Check

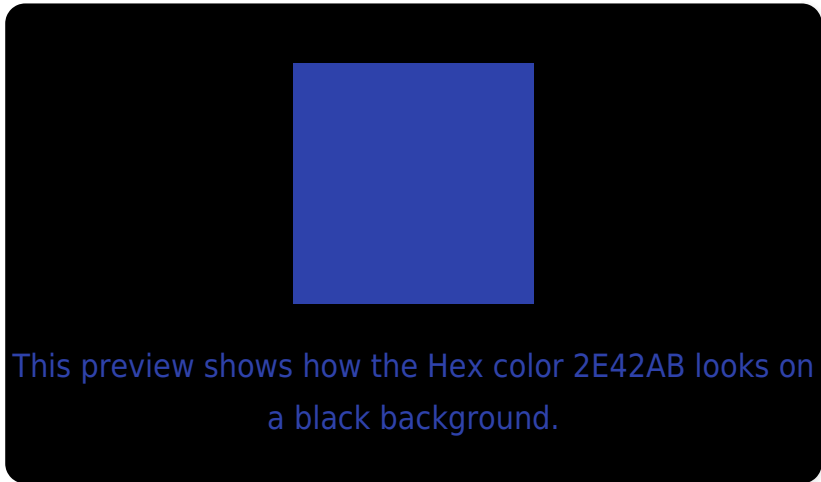
Large Text (above 18pt) WCAG AA ✓ Pass

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

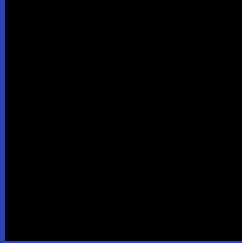
Any Text WCAG AA × Fail

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 2E42AB Background



This preview shows how black text looks on a background with the Hex color 2E42AB.



This preview shows how white text looks on a background with the Hex color 2E42AB.

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
2E42AB

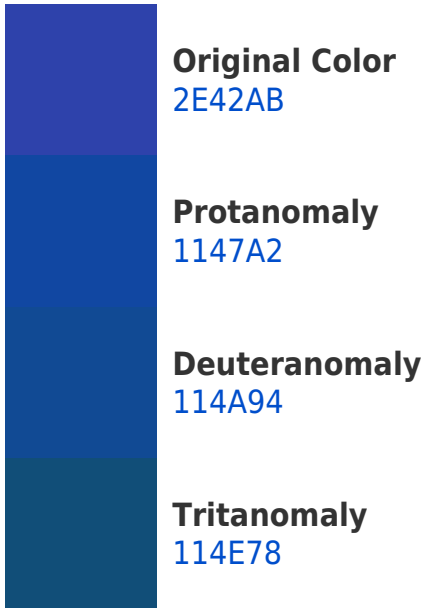
Protanopia
004A9D

Deuteranopia
004F87



Tritanopia
00555B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E42AB 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 #2E42AB looks like.

```
.text, #text, p{  
    color:#2E42AB  
}
```

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 #2E42AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E42AB
}
```

Border

The CSS property to change the border of an element to Hex 2E42AB 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
#2E42AB }
```

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

```
.border{ border-color:#2E42AB }
```

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

Here you see how a box with a 4 pixel #2E42AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E42AB; -webkit-box-shadow:4px 4px  
4px 4px #2E42AB; box-shadow:4px 4px 4px  
4px #2E42AB }
```

Background

The CSS property to change the background color of an element to Hex 2E42AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E42AB }
```

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

```
.background{ background-color:#2E42AB }
```

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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