

Converting Colors

Hex(4E27DC)

Have a look what the booklet for
Hex(4E27DC) contains.

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Color

Hex(4E27DC)

Conversions

Conversions Part 1

Format	Color
Hex	4E27DC
RGB	78, 39, 220
RGB Percent	31%, 15%, 86%
CMY	0.6941, 0.8471, 0.1373
CMYK	0.65, 0.82, 0.00, 0.14
HSL	253°, 72%, 51%
HSV	253°, 82%, 86%
XYZ	16.7857, 8.2380, 68.4155
YIQ	71.2950, -34.8570, 64.5590

Conversions

Conversions Part 2

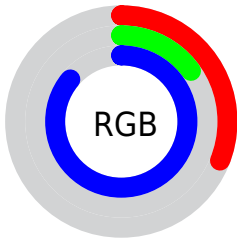
Format	Color
R_{YB}	78, 39, 220
Decimal	5122012
CIE _{Lab}	34.47, 62.96, -84.28
CIE _{LCh}	34, 105.201, 306.764
Yxy	8.2380, 0.1796, 0.0882
Android (android.graphics.Color)	4283312092 (0xFF4E27DC)
YUV	71.2950, 73.3116, 5.8803
Hunter-Lab	28.7020, 54.1629, -121.2353

Details

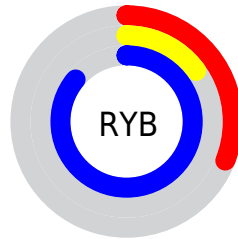
The Hex color **4E27DC** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **B5DC27**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **905CFF**, and **0000A3** is the 20% darker color. If you saturate the color by 10%, you get **3D11DC**, and if you desaturate by 10%, it is **5F3DDC**.

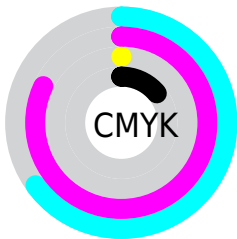
Distribution



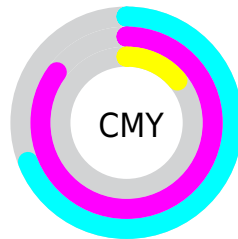
- Red (31%)
- Green (15%)
- Blue (86%)



- Red (31%)
- Yellow (15%)
- Blue (86%)



- Cyan (65%)
- Magenta (82%)
- Yellow (0%)
- Black (14%)



- Cyan (69%)
- Magenta (85%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E27DC 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 4E27DC by changing the saturation by 10% instead.

■ 4E27DC

■ 4E27DC

FFFFFF

■ 2206BF

■ 905CFF

■ 0000A3

■ AF76FF

■ 000088

■ CE91FF

■ 00006E

■ EDADFF

■ 000B54

■ FFC9FF

■ 00063C

■ FFE6FF

■ 000225

■ 00010E

■ 000000

■ 4E27DC

■ 4E27DC

■ 3D11DC

■ 5F3DDC

■ 2F00DC

■ 7153DC

■ 8269DC

■ 937FDC

■ A495DC

■ B6ABDC

■ C7C1DC

■ D8D7DC

■ E9EDDC

Harmonies

Analogous

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



005BFF



4E27DC



BA0095

Triad

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



4E27DC



952D00



006C63

Complementary

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



4E27DC



B5DC27

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.



006900



4E27DC



535500

Square

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



4E27DC



C40000



006400



006EB6

Rectangle

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



4E27DC



D2005E



006400



006B46

Sweetspot

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



4E27DC



CDBFFF



27B8DC



615980



000000



808080

Same Dimension

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



4E27DC



3903FF



A627DC



65636E



2500AD



0A002E

Inverse Universe

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



DC27B5



FF03C9



5DDC27



6E636B



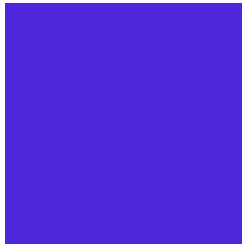
AD0088



2E0024

Previews

White Background



This preview shows how the Hex color 4E27DC looks on a white background.

Color Contrast Check

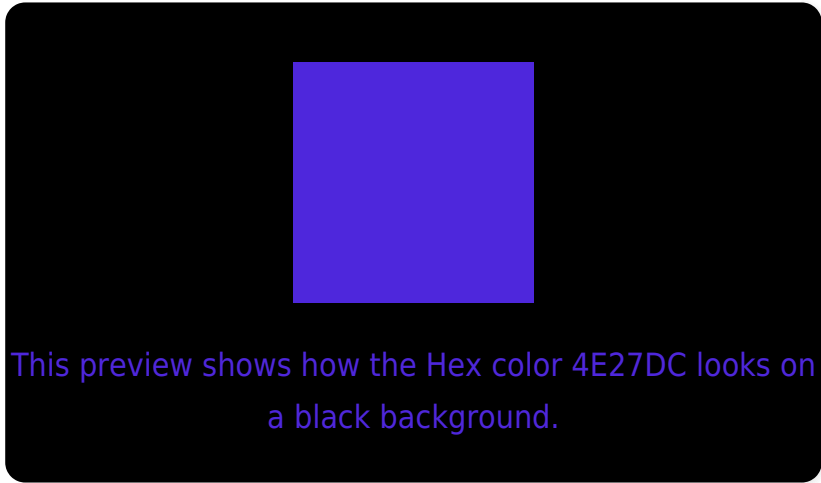
Large Text (above 18pt) WCAG AA ✓ Pass

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 4E27DC Background



This preview shows how black text looks on a background with the Hex color 4E27DC.



This preview shows how white text looks on a background with the Hex color 4E27DC.

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



Trichromacy



Original Color
4E27DC

Protanomaly
1C40B8

Deuteranomaly
1C43A9

Monochromacy



Original Color
4E27DC

Achromatopsia
474747

Achromatomaly
4A3B7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E27DC 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 #4E27DC looks like.

```
.text, #text, p{  
    color:#4E27DC  
}
```

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 #4E27DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E27DC
}
```

Border

The CSS property to change the border of an element to Hex 4E27DC 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
#4E27DC }
```

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

```
.border{ border-color:#4E27DC }
```

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

Here you see how a box with a 4 pixel #4E27DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E27DC; -webkit-box-shadow:4px 4px  
4px 4px #4E27DC; box-shadow:4px 4px 4px  
4px #4E27DC }
```

Background

The CSS property to change the background color of an element to Hex 4E27DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E27DC }
```

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

```
.background{ background-color:#4E27DC }
```

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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