

Converting Colors

Hex(241296)

Have a look what the booklet for
Hex(241296) contains.

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Color

Hex(241296)

Conversions

Conversions Part 1

Format	Color
Hex	241296
RGB	36, 18, 150
RGB Percent	14%, 7%, 59%
CMY	0.8588, 0.9294, 0.4118
CMYK	0.76, 0.88, 0.00, 0.41
HSL	248°, 79%, 33%
HSV	248°, 88%, 59%
XYZ	6.4489, 3.0097, 29.0952
YIQ	38.4300, -31.6440, 44.8680

Conversions

Conversions Part 2

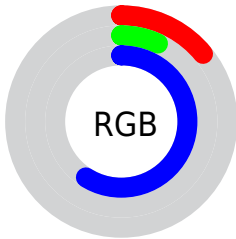
Format	Color
R_{YB}	36, 18, 150
Decimal	2364054
CIE _{Lab}	20.08, 48.40, -66.61
CIE _{LCh}	20, 82.338, 306.005
Yxy	3.0097, 0.1673, 0.0781
Android (android.graphics.Color)	4280554134 (0xFF241296)
YUV	38.4300, 55.0040, -2.1311
Hunter-Lab	17.3485, 35.9934, -87.2917

Details

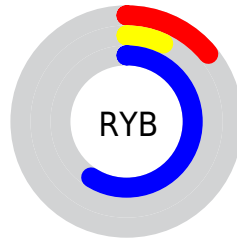
The Hex color **241296** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **849612**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **6643CD**, and **000062** is the 20% darker color. If you saturate the color by 10%, you get **170396**, and if you desaturate by 10%, it is **312196**.

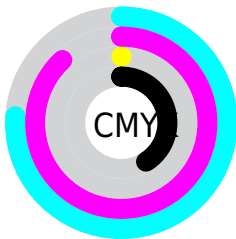
Distribution



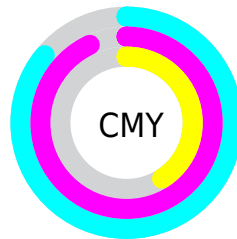
- Red (14%)
- Green (7%)
- Blue (59%)



- Red (14%)
- Yellow (7%)
- Blue (59%)



- Cyan (76%)
- Magenta (88%)
- Yellow (0%)
- Black (41%)



- Cyan (86%)
- Magenta (93%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 241296 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 241296 by changing the saturation by 10% instead.

■ 241296

■ 241296

FFFFFF

■ 00007B

■ 6643CD

■ 000062

■ 835CEA

■ 000449

■ A176FF

■ 000431

■ BE90FF

■ 00011B

■ DCABFF

■ 000000

■ FAC7FF

■ FFE3FF

■ 241296

■ 241296

■ 170396

■ 312196

■ 140096

■ 3E3096

■ 4B3F96

■ 584E96

■ 655D96

■ 726C96

■ 7F7B96

■ 8C8A96

■ 999996

Harmonies

Analogous

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



0039AF



241296



7B0063

Triad

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



241296



611300



00443C

Complementary

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



241296



849612

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.



004200



241296



323300

Square

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



241296



820000



003D00



004578

Rectangle

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



241296



8C003C



003D00



004327

Sweetspot

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



241296



968FC2



128496



474361



E0E0E0



616161

Same Dimension

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



241296



1A00C2



661296



44434A



13008A



01000A

Inverse Universe

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



961284



C200A7



429612



4A4349



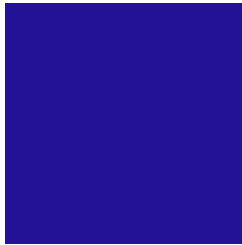
8A0077



0A0009

Previews

White Background



This preview shows how the Hex color 241296 looks on a white background.

Color Contrast Check

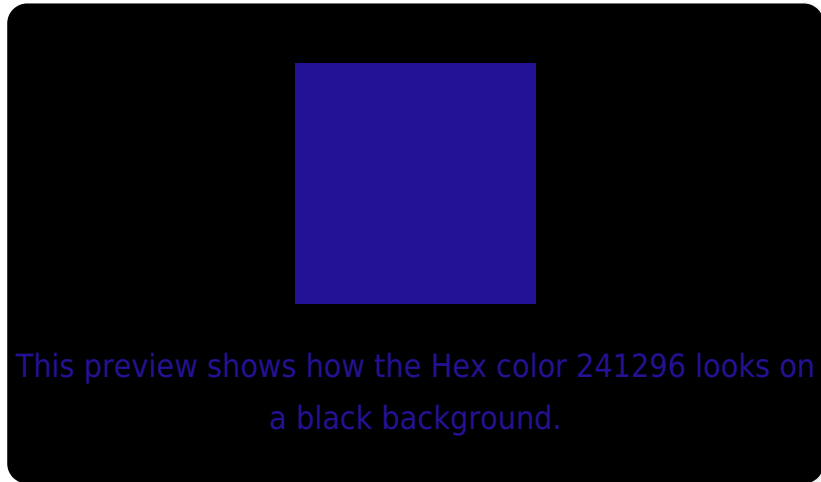
Large Text (above 18pt) WCAG AA ✓ Pass

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

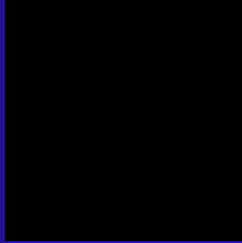
Any Text WCAG AA × Fail

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 241296 Background



This preview shows how black text looks on a background with the Hex color 241296.



This preview shows how white text looks on a background with the Hex color 241296.

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

241296

Protanopia

003065

Deuteranopia

003356

Trichromacy



Original Color
241296

Protanomaly
0D2577

Deuteranomaly
0D276D

Tritanomaly
0D2A5B

Monochromacy



Original Color
241296

Achromatopsia
262626

Achromatomaly
251F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 241296 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 #241296 looks like.

```
.text, #text, p{  
    color:#241296  
}
```

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 #241296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #241296
}
```

Border

The CSS property to change the border of an element to Hex 241296 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".

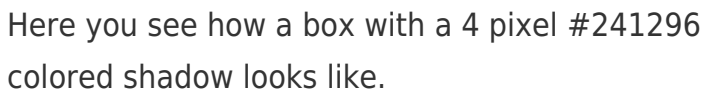
```
.border, #border, table{ border:4px solid
#241296 }
```

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

```
.border{ border-color:#241296 }
```

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

Here you see how a box with a 4 pixel #241296 colored shadow looks like.

A rectangular box with a thick 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 #241296; -webkit-box-shadow:4px 4px  
4px 4px #241296; box-shadow:4px 4px 4px  
4px #241296 }
```

Background

The CSS property to change the background color of an element to Hex 241296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#241296 }
```

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

```
.background{ background-color:#241296 }
```

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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