

Converting Colors

Hex(CA31D7)

Have a look what the booklet for
Hex(CA31D7) contains.

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Color

Hex(CA31D7)

Conversions

Conversions Part 1

Format	Color
Hex	CA31D7
RGB	202, 49, 215
RGB Percent	79%, 19%, 84%
CMY	0.2078, 0.8078, 0.1569
CMYK	0.06, 0.77, 0.00, 0.16
HSL	295°, 67%, 52%
HSV	295°, 77%, 84%
XYZ	37.7212, 19.6595, 66.0965
YIQ	113.6710, 37.9020, 84.0620

Conversions

Conversions Part 2

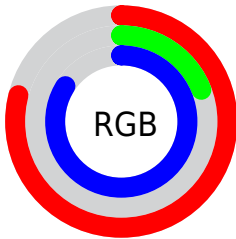
Format	Color
R_{YB}	202, 49, 215
Decimal	13251031
CIE _{Lab}	51.45, 76.71, -53.05
CIE _{LCh}	51, 93.265, 325.332
Yxy	19.6595, 0.3055, 0.1592
Android (android.graphics.Color)	4291441111 (0xFFCA31D7)
YUV	113.6710, 49.9552, 77.4645
Hunter-Lab	44.3390, 74.2646, -57.3468

Details

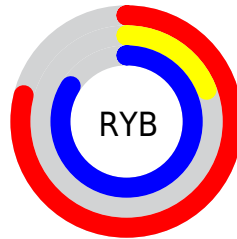
The Hex color **CA31D7** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **3ED731**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF71FF**, and **8F009F** is the 20% darker color. If you saturate the color by 10%, you get **C81CD7**, and if you desaturate by 10%, it is **CC47D7**.

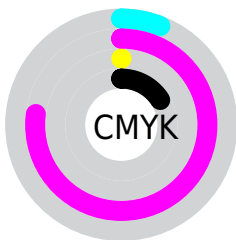
Distribution



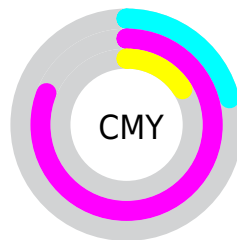
- Red (79%)
- Green (19%)
- Blue (84%)



- Red (79%)
- Yellow (19%)
- Blue (84%)



- Cyan (6%)
- Magenta (77%)
- Yellow (0%)
- Black (16%)



- Cyan (21%)
- Magenta (81%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA31D7 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 CA31D7 by changing the saturation by 10% instead.

 CA31D7

 CA31D7

FFFFFF

 AC00BB

 FF71FF

 8F009F

 FF8EFF

 730085

 FFABFF

 56006B

 FFC9FF

 3C0052

 FFE6FF

 1D003A

 000223

 000009

 000000

■ CA31D7

■ CA31D7

■ C81CD7

■ CC47D7

■ C706D7

■ CD5CD7

■ C600D7

■ CF72D7

■ D187D7

■ D29DD7

■ D4B2D7

■ D6C8D7

■ D7DDD7

■ D9F3D7

Harmonies

Analogous

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



396BFF



CA31D7



FB008B

Triad

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



CA31D7



A07400



009BBD

Complementary

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



CA31D7



3ED731

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.



00996B



CA31D7



528A00

Square

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



CA31D7



D94B00



009401



0097FF

Rectangle

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



CA31D7



FF0056



009401



009AA3

Sweetspot

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



CA31D7



FAC4FF



313FD7



7D5C80



000000



808080

Same Dimension

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



CA31D7



EC12FF



D73192



6A606B



9D00AB



28002B

Inverse Universe

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



D7313E



FF1224



31D776



6B6061



AB000D



2B0003

Previews

White Background



This preview shows how the Hex color CA31D7 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

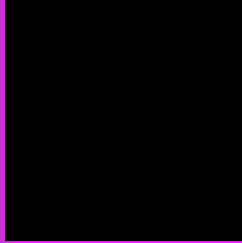
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CA31D7 Background



This preview shows how black text looks on a background with the Hex color CA31D7.

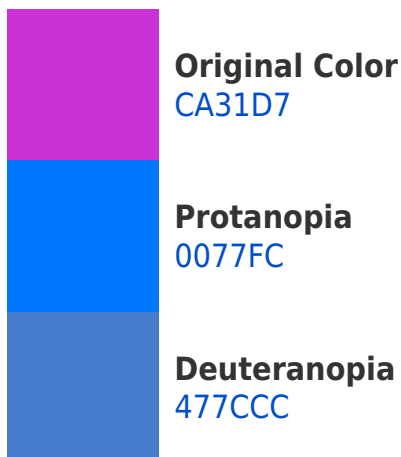


This preview shows how white text looks on a background with the Hex color CA31D7.

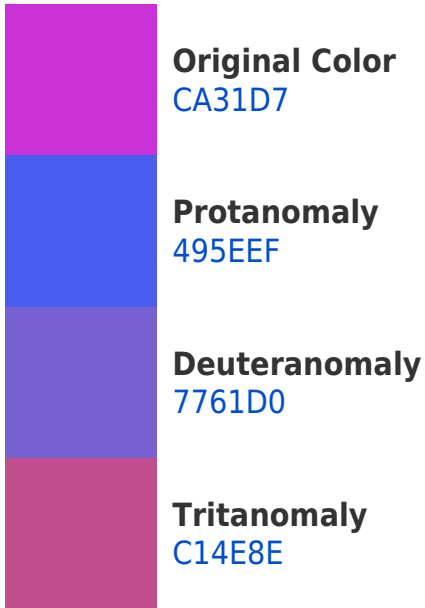
Color Blindness Simulation

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](#).

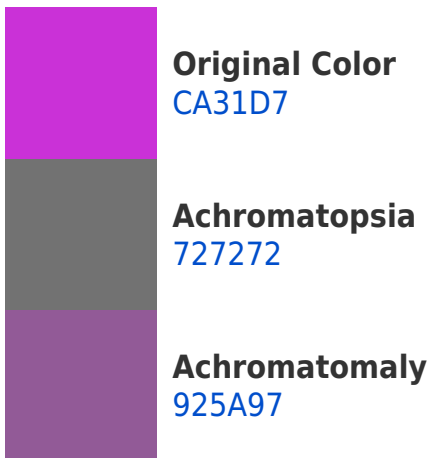
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA31D7 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 #CA31D7 looks like.

```
.text, #text, p{  
    color:#CA31D7  
}
```

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 #CA31D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA31D7
}
```

Border

The CSS property to change the border of an element to Hex CA31D7 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
#CA31D7 }
```

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

```
.border{ border-color:#CA31D7 }
```

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

Here you see how a box with a 4 pixel #CA31D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA31D7; -webkit-box-shadow:4px 4px  
4px 4px #CA31D7; box-shadow:4px 4px 4px  
4px #CA31D7 }
```

Background

The CSS property to change the background color of an element to Hex CA31D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA31D7 }
```

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

```
.background{ background-color:#CA31D7 }
```

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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