

Converting Colors

Hex(CA15EA)

Have a look what the booklet for
Hex(CA15EA) contains.

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Color

Hex(CA15EA)

Conversions

Conversions Part 1

Format	Color
Hex	CA15EA
RGB	202, 21, 234
RGB Percent	79%, 8%, 92%
CMY	0.2078, 0.9176, 0.0824
CMYK	0.14, 0.91, 0.00, 0.08
HSL	291°, 84%, 50%
HSV	291°, 91%, 92%
XYZ	39.4766, 19.0334, 79.4351
YIQ	99.4010, 39.5030, 104.6150

Conversions

Conversions Part 2

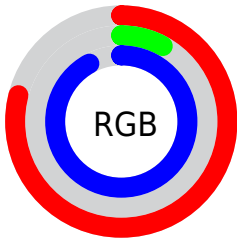
Format	Color
R _Y B	202, 21, 234
Decimal	13243882
CIE Lab	50.73, 85.44, -65.00
CIE LCh	51, 107.354, 322.737
Yxy	19.0334, 0.2862, 0.1380
Android (android.graphics.Color)	4291433962 (0xFFCA15EA)
YUV	99.4010, 66.3573, 89.9793
Hunter-Lab	43.6273, 85.1697, -77.4141

Details

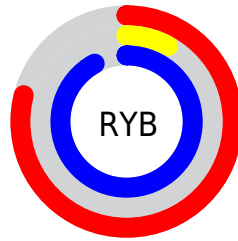
The Hex color **CA15EA** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **35EA15**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF63FF**, and **8E00B1** is the 20% darker color. If you saturate the color by 10%, you get **C700EA**, and if you desaturate by 10%, it is **CE2CEA**.

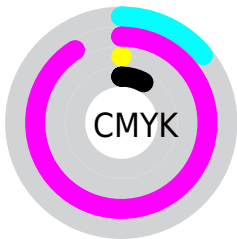
Distribution



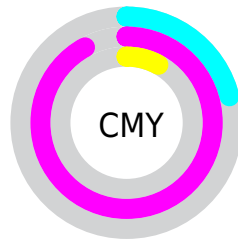
- Red (79%)
- Green (8%)
- Blue (92%)



- Red (79%)
- Yellow (8%)
- Blue (92%)



- Cyan (14%)
- Magenta (91%)
- Yellow (0%)
- Black (8%)



- Cyan (21%)
- Magenta (92%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA15EA 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 CA15EA by changing the saturation by 10% instead.

 CA15EA

 CA15EA

FFFFFF

 AC00CD

 FF63FF

 8E00B1

 FF82FF

 710096

 FFA0FF

 53007B

 FFBEFF

 380061

 FFDCFF

 130048

 FFFBFF

 000230

 00011B

 000000

■ CA15EA

■ CA15EA

■ C700EA

■ CE2CEA

■ D144EA

■ D55BEA

■ D873EA

■ DC8AEA

■ DFA1EA

■ E3B9EA

■ E6D0EA

■ EAE8EA

Harmonies

Analogous

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



006CFF



CA15EA



FF0093

Triad

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



CA15EA



A66E00



009BBE

Complementary

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



CA15EA



35EA15

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.



00995F



CA15EA



4D8800

Square

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



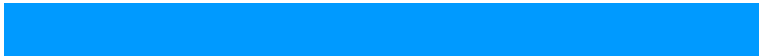
CA15EA



E53400



009400



009AFF

Rectangle

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



CA15EA



FF0058



009400



009B9F

Sweetspot

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



CA15EA



F5BAFF



1539EA



795780



000000



808080

Same Dimension

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



CA15EA



D900FF



EA15A3



746A75



9A00B5



2E0036

Inverse Universe

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



EA1535



FF0026



15EA5C



756A6B



B5001B



360008

Previews

White Background



This preview shows how the Hex color CA15EA looks on a white background.

Color Contrast Check

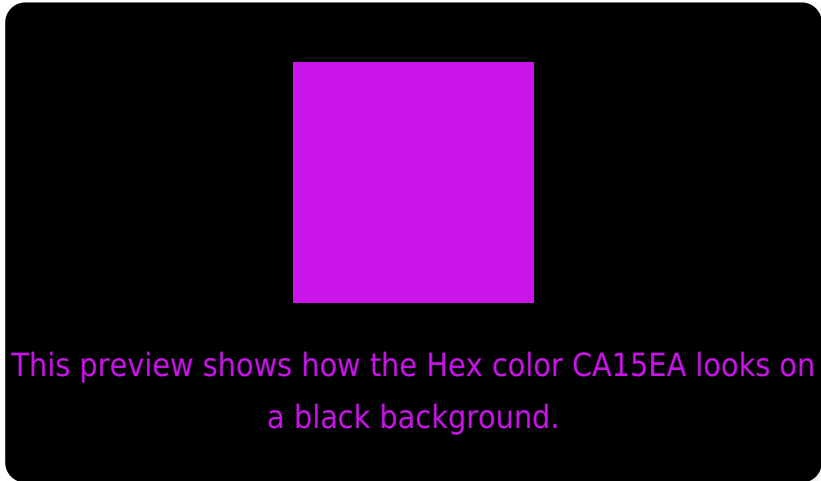
Large Text (above 18pt) WCAG AA ✓ Pass

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

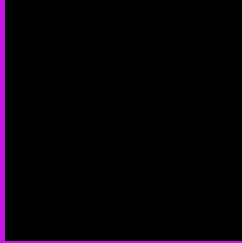
Any Text WCAG AA ✓ Pass

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 CA15EA Background



This preview shows how black text looks on a background with the Hex color CA15EA.




This preview shows how white text looks on a background with the Hex color CA15EA.

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](#).

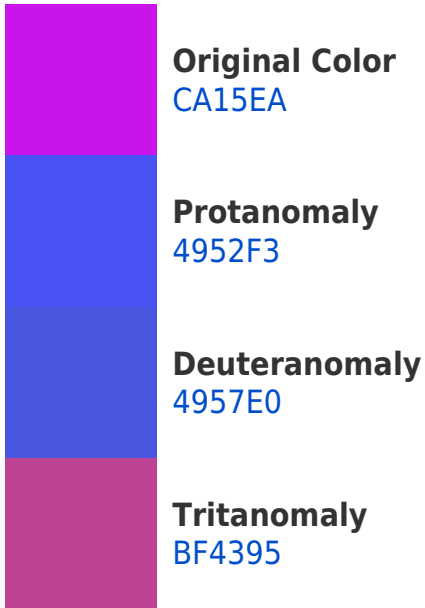
Dichromacy



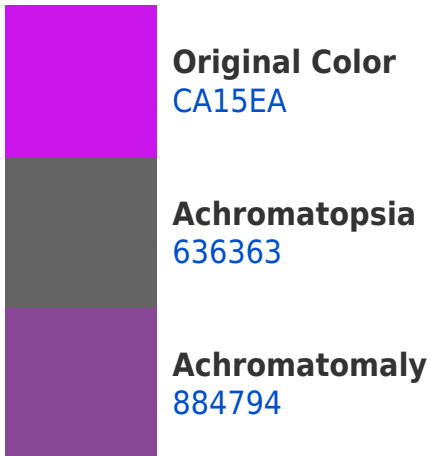


Tritanopia
B85D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA15EA 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 #CA15EA looks like.

```
.text, #text, p{  
    color:#CA15EA  
}
```

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 #CA15EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA15EA
}
```

Border

The CSS property to change the border of an element to Hex CA15EA 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
#CA15EA }
```

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

```
.border{ border-color:#CA15EA }
```

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

Here you see how a box with a 4 pixel #CA15EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA15EA; -webkit-box-shadow:4px 4px  
4px 4px #CA15EA; box-shadow:4px 4px 4px  
4px #CA15EA }
```

Background

The CSS property to change the background color of an element to Hex CA15EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA15EA }
```

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

```
.background{ background-color:#CA15EA }
```

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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