

Converting Colors

Hex(CA27AA)

Have a look what the booklet for
Hex(CA27AA) contains.

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Color

Hex(CA27AA)

Conversions

Conversions Part 1

Format	Color
Hex	CA27AA
RGB	202, 39, 170
RGB Percent	79%, 15%, 67%
CMY	0.2078, 0.8471, 0.3333
CMYK	0.00, 0.81, 0.16, 0.21
HSL	312°, 68%, 47%
HSV	312°, 81%, 79%
XYZ	32.3383, 16.9099, 39.5897
YIQ	102.6710, 55.0970, 75.2970

Conversions

Conversions Part 2

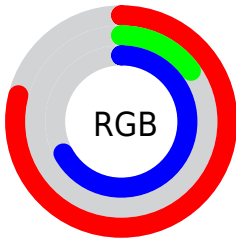
Format	Color
R_{YB}	202, 39, 170
Decimal	13248426
CIE _{Lab}	48.15, 72.56, -32.15
CIE _{LCh}	48, 79.368, 336.103
Yxy	16.9099, 0.3640, 0.1903
Android (android.graphics.Color)	4291438506 (0xFFCA27AA)
YUV	102.6710, 33.1932, 87.1115
Hunter-Lab	41.1216, 68.4109, -28.2961

Details

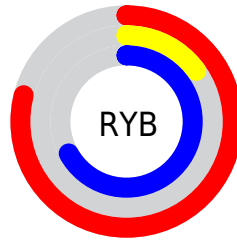
The Hex color **CA27AA** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **27CA47**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF69E2**, and **8F0075** is the 20% darker color. If you saturate the color by 10%, you get **CA13A6**, and if you desaturate by 10%, it is **CA3BAE**.

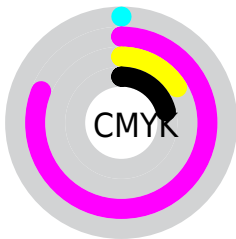
Distribution



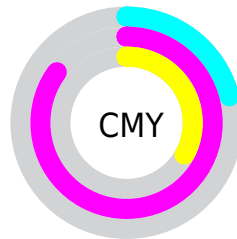
- Red (79%)
- Green (15%)
- Blue (67%)



- Red (79%)
- Yellow (15%)
- Blue (67%)



- Cyan (0%)
- Magenta (81%)
- Yellow (16%)
- Black (21%)



- Cyan (21%)
- Magenta (85%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA27AA 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 CA27AA by changing the saturation by 10% instead.

CA27AA

CA27AA

FFFFFF

AC008F

FF69E2

8F0075

FF86FE

73005C

FFA3FF

570044

FFC0FF

3D002E

FFDEFF

1E0018

FFFCFF

000000

CA27AA

CA27AA

CA13A6

CA3BAE

 CA00A2

 CA4FB2

 CA64B6

 CA78BA

 CA8CBE

 CAA0C2

 CAB4C6

 CAC9CA

 CADDCE

Harmonies

Analogous

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



7F58E0



CA27AA



E40068

Triad

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



CA27AA



7F7400



008EC0

Complementary

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



CA27AA



27CA47

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.



008E7F



CA27AA



328300

Square

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



CA27AA



B55900



008B37



0088EE

Rectangle

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



CA27AA



E0193C



008B37



008EAC

Sweetspot

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



CA27AA



FFC2F3



4527CA



805B78



000000



808080

Same Dimension

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



CA27AA



FF08CE



CA275B



665C64



A60085



26001F

Inverse Universe

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



CA27AA



FF08CE



27CA96



665C64



A60085



26001F

Previews

White Background



This preview shows how the Hex color CA27AA 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

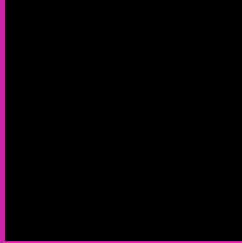
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex CA27AA Background



This preview shows how black text looks on a background with the Hex color CA27AA.

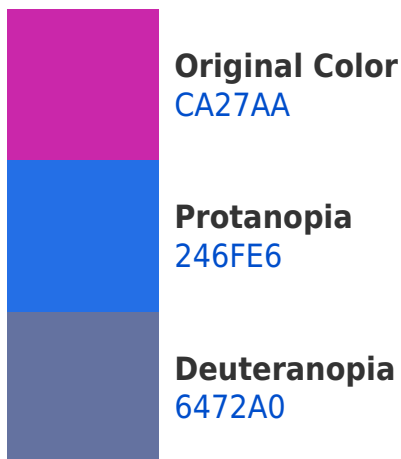


This preview shows how white text looks on a background with the Hex color CA27AA.

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](#).

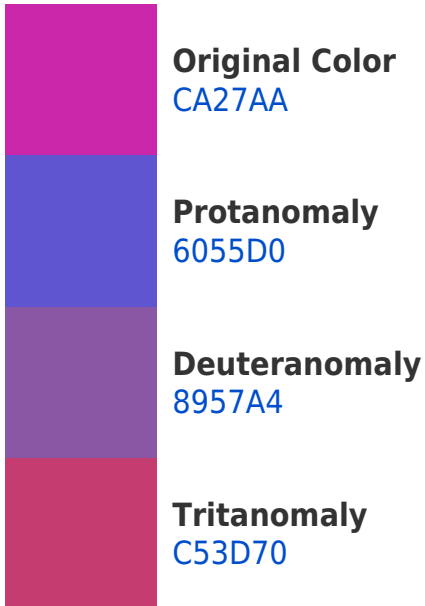
Dichromacy



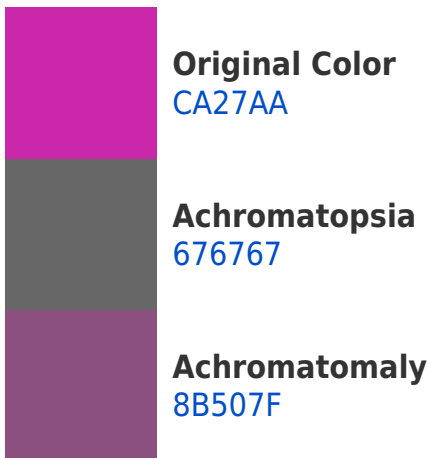


Tritanopia
C24A4F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA27AA 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 #CA27AA looks like.

```
.text, #text, p{  
    color:#CA27AA  
}
```

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 #CA27AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA27AA
}
```

Border

The CSS property to change the border of an element to Hex CA27AA 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
#CA27AA }
```

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

```
.border{ border-color:#CA27AA }
```

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

Here you see how a box with a 4 pixel #CA27AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA27AA; -webkit-box-shadow:4px 4px  
4px 4px #CA27AA; box-shadow:4px 4px 4px  
4px #CA27AA }
```

Background

The CSS property to change the background color of an element to Hex CA27AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA27AA }
```

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

```
.background{ background-color:#CA27AA }
```

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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