

Converting Colors

Hex(CA35C6)

Have a look what the booklet for
Hex(CA35C6) contains.

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Color

Hex(CA35C6)

Conversions

Conversions Part 1

Format	Color
Hex	CA35C6
RGB	202, 53, 198
RGB Percent	79%, 21%, 78%
CMY	0.2078, 0.7922, 0.2235
CMYK	0.00, 0.74, 0.02, 0.21
HSL	302°, 58%, 50%
HSV	302°, 74%, 79%
XYZ	35.8233, 19.1800, 55.2401
YIQ	114.0810, 42.2590, 76.6830

Conversions

Conversions Part 2

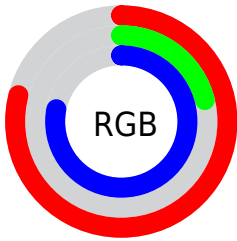
Format	Color
R _Y B	202, 53, 198
Decimal	13252038
CIE Lab	50.90, 72.82, -44.17
CIE LCh	51, 85.171, 328.759
Yxy	19.1800, 0.3249, 0.1740
Android (android.graphics.Color)	4291442118 (0xFFCA35C6)
YUV	114.0810, 41.3721, 77.1050
Hunter-Lab	43.7950, 69.3677, -44.1281

Details

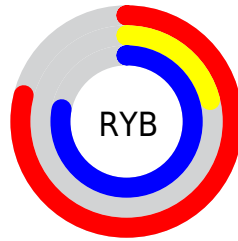
The Hex color **CA35C6** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **35CA39**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF73FF**, and **90008F** is the 20% darker color. If you saturate the color by 10%, you get **CA21C5**, and if you desaturate by 10%, it is **CA49C7**.

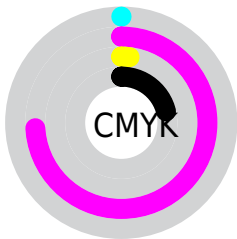
Distribution



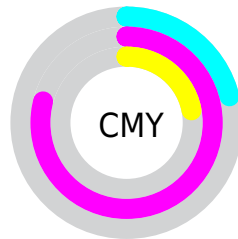
- Red (79%)
- Green (21%)
- Blue (78%)



- Red (79%)
- Yellow (21%)
- Blue (78%)



- Cyan (0%)
- Magenta (74%)
- Yellow (2%)
- Black (21%)



- Cyan (21%)
- Magenta (79%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA35C6 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 CA35C6 by changing the saturation by 10% instead.

 CA35C6

 CA35C6

FFFFFF

 AD02AA

 FF73FF

 90008F

 FF90FF

 730075

 FFADFF


 57005C

 FFCAFF

 3E0044

 FFE8FF

 20002D

 000117

 000000

 CA35C6

 CA35C6

■ CA21C5

■ CA49C7

■ CA0DC5

■ CA5DC7

■ CA00C5

■ CA72C8

■ CA86C8

■ CA9AC9

■ CAAEC9

■ CAC2CA

■ CAD7CA

■ CAEBCB

Harmonies

Analogous

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



6167FB



CA35C6



F10080

Triad

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



CA35C6



967600



0097BE

Complementary

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



CA35C6



35CA39

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.



009674



CA35C6



4D8900

Square

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



CA35C6



CC5400



009223



0093F6

Rectangle

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



CA35C6



F30050



009223



0097A6

Sweetspot

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



CA35C6



FFC7FD



3735CA



805E7F



000000



808080

Same Dimension

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



CA35C6



FF1CF9



CA357D



665C66



A600A1



260025

Inverse Universe

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



CA35C6



FF1CF9



35CA82



665C66



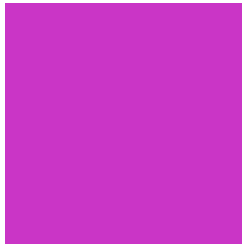
A600A1



260025

Previews

White Background



This preview shows how the Hex color CA35C6 looks on a white background.

Color Contrast Check

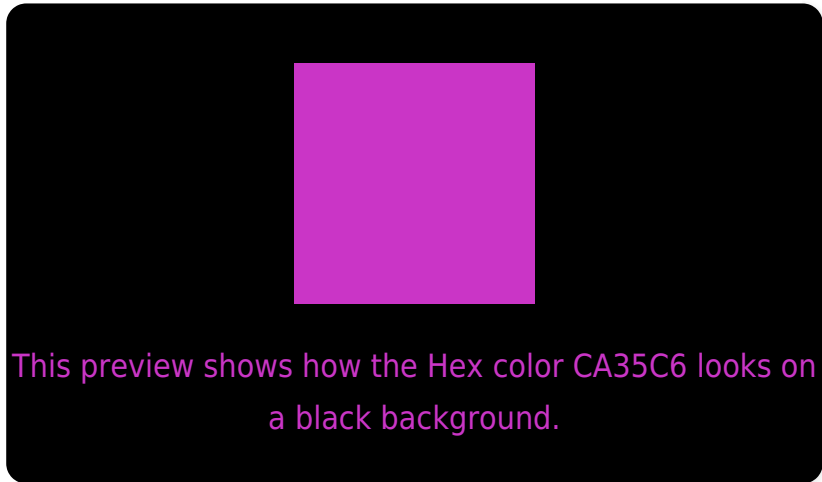
Large Text (above 18pt) WCAG AA ✓ Pass

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

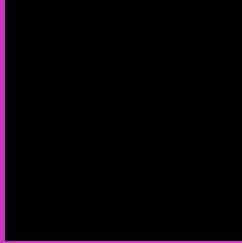
Any Text WCAG AA ✓ Pass

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 CA35C6 Background



This preview shows how black text looks on a background with the Hex color CA35C6.

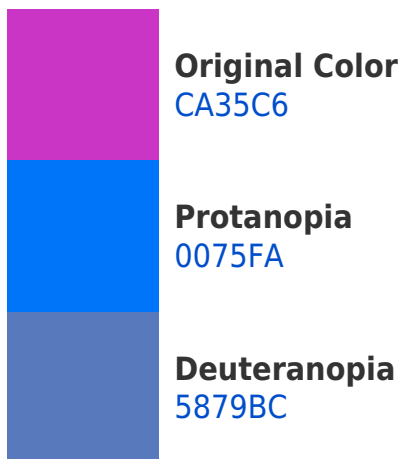


This preview shows how white text looks on a background with the Hex color CA35C6.

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
BF5A60

Trichromacy



Original Color
CA35C6



Protanomaly
495EE7



Deuteranomaly
8160C0



Tritanomaly
C34D85

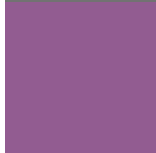
Monochromacy



Original Color
CA35C6



Achromatopsia
727272



Achromatomaly
925C91

CSS Examples

Text

The CSS property to change the color of the text to Hex CA35C6 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 #CA35C6 looks like.

```
.text, #text, p{  
    color:#CA35C6  
}
```

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 #CA35C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA35C6
}
```

Border

The CSS property to change the border of an element to Hex CA35C6 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
#CA35C6 }
```

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

```
.border{ border-color:#CA35C6 }
```

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

Here you see how a box with a 4 pixel #CA35C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA35C6; -webkit-box-shadow:4px 4px  
4px 4px #CA35C6; box-shadow:4px 4px 4px  
4px #CA35C6 }
```

Background

The CSS property to change the background color of an element to Hex CA35C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA35C6 }
```

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

```
.background{ background-color:#CA35C6 }
```

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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