

Converting Colors

Hex(CD55C5)

Have a look what the booklet for
Hex(CD55C5) contains.

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Color

Hex(CD55C5)

Conversions

Conversions Part 1

Format	Color
Hex	CD55C5
RGB	205, 85, 197
RGB Percent	80%, 33%, 77%
CMY	0.1961, 0.6667, 0.2275
CMYK	0.00, 0.59, 0.04, 0.20
HSL	304°, 55%, 57%
HSV	304°, 59%, 80%
XYZ	38.5034, 23.5074, 55.3313
YIQ	133.6480, 35.5680, 60.2720

Conversions

Conversions Part 2

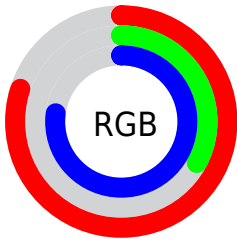
Format	Color
RYB	205, 85, 197
Decimal	13456837
CIELab	55.59, 61.38, -36.17
CIElCh	56, 71.242, 329.492
Yxy	23.5074, 0.3281, 0.2003
Android (android.graphics.Color)	4291646917 (0xFFCD55C5)
YUV	133.6480, 31.2325, 62.5757
Hunter-Lab	48.4844, 56.9063, -33.7239

Details

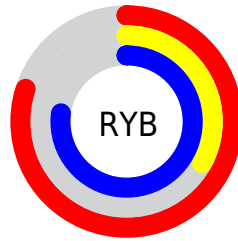
The Hex color **CD55C5** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **55CD5D**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF8DFE**, and **94168F** is the 20% darker color. If you saturate the color by 10%, you get **CD41C4**, and if you desaturate by 10%, it is **CD69C6**.

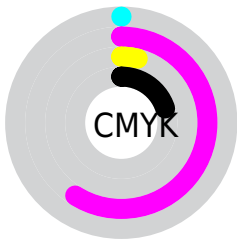
Distribution



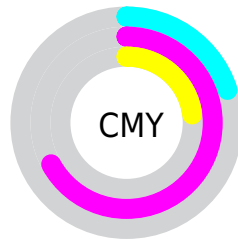
- Red (80%)
- Green (33%)
- Blue (77%)



- Red (80%)
- Yellow (33%)
- Blue (77%)



- Cyan (0%)
- Magenta (59%)
- Yellow (4%)
- Black (20%)



- Cyan (20%)
- Magenta (67%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD55C5 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 CD55C5 by changing the saturation by 10% instead.

 CD55C5

 CD55C5

FFFFFF

 B038A9

 FF8DFE

 94168F

 FFA9FF

 780075

 FFC6FF

 5D005C

 FFE3FF

 420044

 29002D

 000117

 000000

 CD55C5

 CD55C5

CD41C4

CD69C6

CD2CC2

CD7EC8

CD17C1

CD93C9

CD03C0

CDA7CA

CD00BF

CDBBCC

CDD0CD

CDE4CF

CDF9D0

CDFFD1

Harmonies

Analogous

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



7D75F2



CD55C5



EF3E89

Triad

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



CD55C5



A18200



00A0C1

Complementary

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



CD55C5



55CD5D

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.



00A082



CD55C5



649300

Square

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



CD55C5



D0690C



009C42



009BF0

Rectangle

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



CD55C5



F14360



009C42



00A1AD

Sweetspot

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



CD55C5



FFD1FC



5D55CD



80637E



000000



808080

Same Dimension

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



CD55C5



FF4DF3



CD5589



665C65



A6009B



260024

Inverse Universe

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



CD55C5



FF4DF3



55CD99



665C65



A6009B



260024

Previews

White Background



This preview shows how the Hex color CD55C5 looks on a white background.

Color Contrast Check

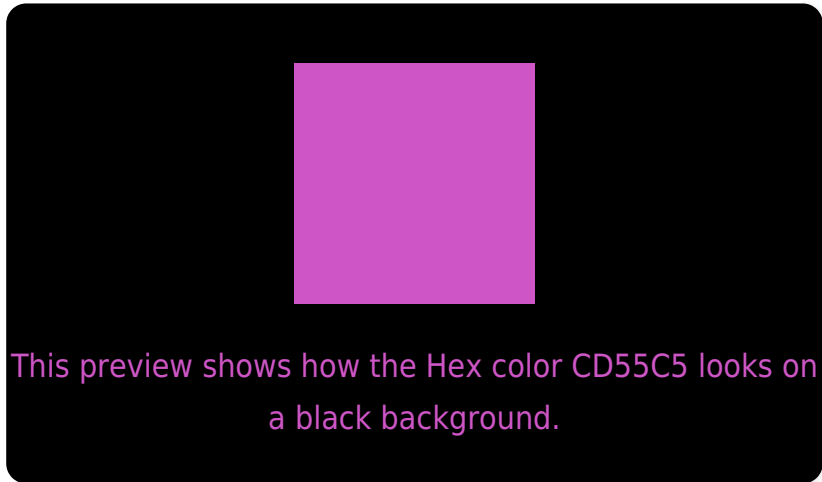
Large Text (above 18pt) WCAG AA ✓ Pass

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

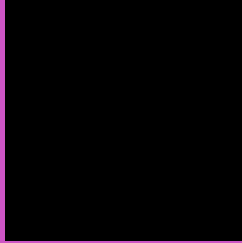
Any Text WCAG AA ✓ Pass

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 CD55C5 Background



This preview shows how black text looks on a background with the Hex color CD55C5.

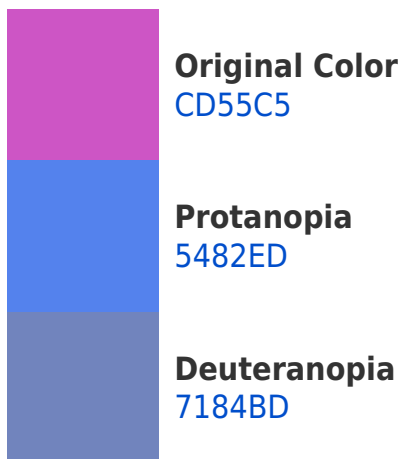



This preview shows how white text looks on a background with the Hex color CD55C5.

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](#).

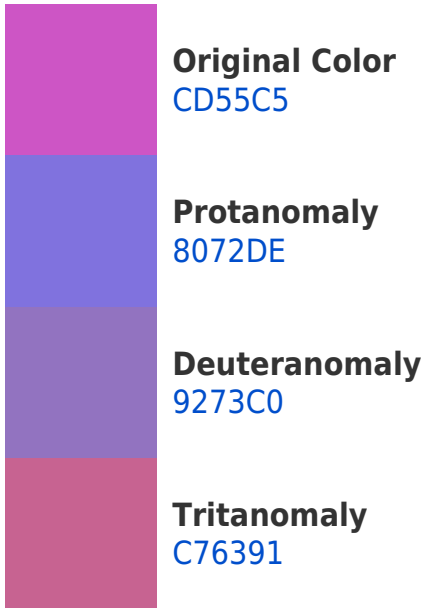
Dichromacy





Tritanopia
C46B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD55C5 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 #CD55C5 looks like.

```
.text, #text, p{  
    color:#CD55C5  
}
```

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 #CD55C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD55C5
}
```

Border

The CSS property to change the border of an element to Hex CD55C5 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
#CD55C5 }
```

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

```
.border{ border-color:#CD55C5 }
```

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

Here you see how a box with a 4 pixel #CD55C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD55C5; -webkit-box-shadow:4px 4px  
4px 4px #CD55C5; box-shadow:4px 4px 4px  
4px #CD55C5 }
```

Background

The CSS property to change the background color of an element to Hex CD55C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD55C5 }
```

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

```
.background{ background-color:#CD55C5 }
```

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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