

Converting Colors

Hex(CE53DE)

Have a look what the booklet for
Hex(CE53DE) contains.

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Color

Hex(CE53DE)

Conversions

Conversions Part 1

Format	Color
Hex	CE53DE
RGB	206, 83, 222
RGB Percent	81%, 33%, 87%
CMY	0.1922, 0.6745, 0.1294
CMYK	0.07, 0.63, 0.00, 0.13
HSL	293°, 68%, 60%
HSV	293°, 63%, 87%
XYZ	41.7317, 24.5823, 71.6526
YIQ	135.6230, 28.6890, 69.3050

Conversions

Conversions Part 2

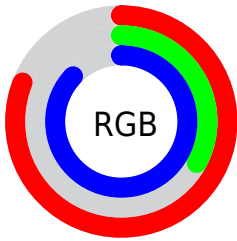
Format	Color
R _{YB}	206, 83, 222
Decimal	13521886
CIE _{Lab}	56.67, 66.81, -48.68
CIE _{LCh}	57, 82.661, 323.924
Yxy	24.5823, 0.3025, 0.1782
Android (android.graphics.Color)	4291711966 (0xFFCE53DE)
YUV	135.6230, 42.5839, 61.7206
Hunter-Lab	49.5805, 63.4768, -50.9782

Details

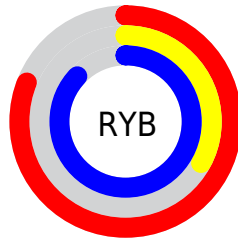
The Hex color **CE53DE** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **63DE53**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF8CFF**, and **940DA6** is the 20% darker color. If you saturate the color by 10%, you get **CB3DDE**, and if you desaturate by 10%, it is **D169DE**.

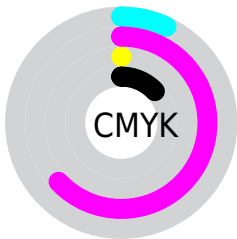
Distribution



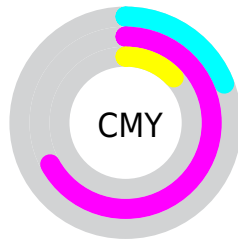
- Red (81%)
- Green (33%)
- Blue (87%)



- Red (81%)
- Yellow (33%)
- Blue (87%)



- Cyan (7%)
- Magenta (63%)
- Yellow (0%)
- Black (13%)



- Cyan (19%)
- Magenta (67%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE53DE 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 CE53DE by changing the saturation by 10% instead.

 CE53DE

 CE53DE

FFFFFF

 B135C2

 FF8CFF

 940DA6

 FFA8FF

 78008B

 FFC5FF

 5C0071

 FFE2FF

 410058

 270040

 000029

 000112

 000000

 CE53DE

 CE53DE

 CB3DDE

 D169DE

 C927DE

 D37FDE

 C610DE

 D696DE

 C400DE

 D8ACDE

 DBC2DE

 DDD8DE

 E0EEDE

 E2FFDE

 E5FFDE

Harmonies

Analogous

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



597BFF



CE53DE



FD269A

Triad

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



CE53DE



B18000



00A7C1

Complementary

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



CE53DE



63DE53

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.



00A676



CE53DE



6D9500

Square

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



CE53DE



E45E00



00A028



00A3FC

Rectangle

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



CE53DE



FF266A



00A028



00A7A9

Sweetspot

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



CE53DE



F9CFFF



5363DE



7C6280



000000



808080

Same Dimension

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



CE53DE



E940FF



DE53A9



6F6570



9C00B0



2B0030

Inverse Universe

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



DE5363



FF4056



53DE88



706566



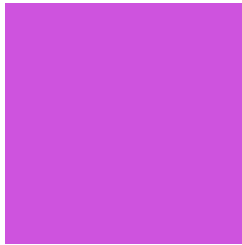
B00014



300006

Previews

White Background



This preview shows how the Hex color CE53DE looks on a white background.

Color Contrast Check

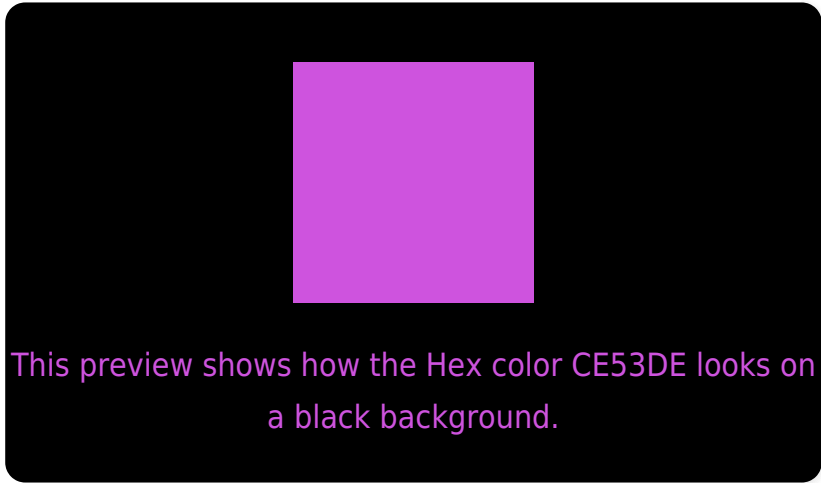
Large Text (above 18pt) WCAG AA ✓ Pass

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

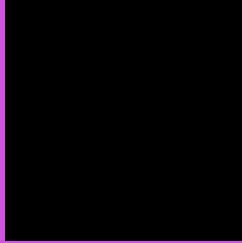
Any Text WCAG AA ✓ Pass

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 CE53DE Background



This preview shows how black text looks on a background with the Hex color CE53DE.

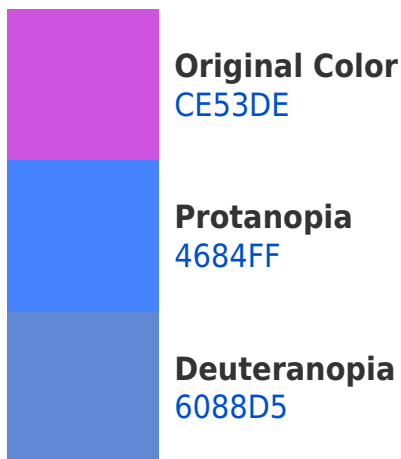


This preview shows how white text looks on a background with the Hex color CE53DE.

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
C17179

Trichromacy



Original Color
CE53DE



Protanomaly
7772F3



Deuteranomaly
8875D8



Tritanomaly
C6669E

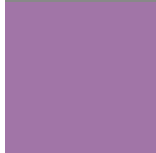
Monochromacy



Original Color
CE53DE



Achromatopsia
888888



Achromatomaly
A175A7

CSS Examples

Text

The CSS property to change the color of the text to Hex CE53DE 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 #CE53DE looks like.

```
.text, #text, p{  
    color:#CE53DE  
}
```

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 #CE53DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE53DE
}
```

Border

The CSS property to change the border of an element to Hex CE53DE 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
#CE53DE }
```

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

```
.border{ border-color:#CE53DE }
```

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

Here you see how a box with a 4 pixel #CE53DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE53DE; -webkit-box-shadow:4px 4px  
4px 4px #CE53DE; box-shadow:4px 4px 4px  
4px #CE53DE }
```

Background

The CSS property to change the background color of an element to Hex CE53DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE53DE }
```

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

```
.background{ background-color:#CE53DE }
```

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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