

Converting Colors

Hex(CE53F4)

Have a look what the booklet for
Hex(CE53F4) contains.

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Color

Hex(CE53F4)

Conversions

Conversions Part 1

Format	Color
Hex	CE53F4
RGB	206, 83, 244
RGB Percent	81%, 33%, 96%
CMY	0.1922, 0.6745, 0.0431
CMYK	0.16, 0.66, 0.00, 0.04
HSL	286°, 88%, 64%
HSV	286°, 66%, 96%
XYZ	44.8760, 25.8400, 88.2103
YIQ	138.1310, 21.6270, 76.1470

Conversions

Conversions Part 2

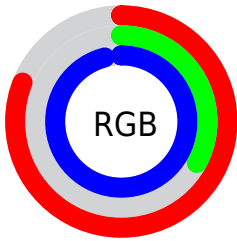
Format	Color
R _Y B	206, 83, 244
Decimal	13521908
CIE Lab	57.88, 70.87, -59.06
CIE LCh	58, 92.251, 320.195
Yxy	25.8400, 0.2824, 0.1626
Android (android.graphics.Color)	4291711988 (0xFFCE53F4)
YUV	138.1310, 52.1934, 59.5211
Hunter-Lab	50.8330, 68.6240, -67.3025

Details

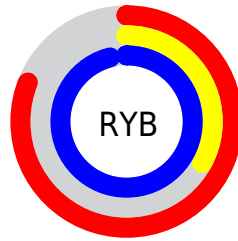
The Hex color **CE53F4** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **79F453**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF8CFF**, and **9409BB** is the 20% darker color. If you saturate the color by 10%, you get **C83BF4**, and if you desaturate by 10%, it is **D46BF4**.

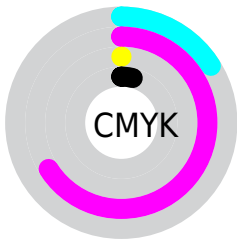
Distribution



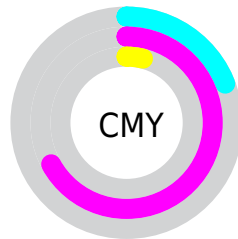
- Red (81%)
- Green (33%)
- Blue (96%)



- Red (81%)
- Yellow (33%)
- Blue (96%)



- Cyan (16%)
- Magenta (66%)
- Yellow (0%)
- Black (4%)



- Cyan (19%)
- Magenta (67%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE53F4 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 CE53F4 by changing the saturation by 10% instead.

 CE53F4

 CE53F4

FFFFFF

 B134D7

 FF8CFF

 9409BB

 FFA9FF

 77009F

 FFC6FF

 5A0084

 FFE3FF

 3E006A

 220051

 000039

 000223

 000009

 CE53F4

 CE53F4

 C83BF4

 D46BF4

 C222F4

 DA84F4

 BD0AF4

 DF9CF4

 BA00F4

 E5B5F4

 EBCDF4

 F1E5F4

 F6FEF4

 FCFFF4

 FFFFF4

Harmonies

Analogous

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



0082FF



CE53F4



FF00A9

Triad

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



CE53F4



BF7E00



00ADC1

Complementary

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



CE53F4



79F453

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.



00AB6D



CE53F4



759700

Square

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



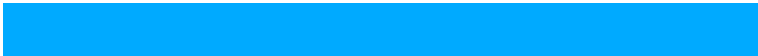
CE53F4



F55400



00A500



00AAFF

Rectangle

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



CE53F4



FF0074



00A500



00ACA6

Sweetspot

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



CE53F4



F3CCFF



537BF4



786180



000000



808080

Same Dimension

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



CE53F4



CF36FF



F453CC



786E7A



8E00BA



2D003B

Inverse Universe

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



F45379



FF3665



53F47B



7A6E71



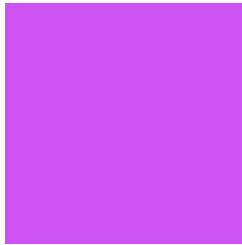
BA002C



3B000E

Previews

White Background



This preview shows how the Hex color CE53F4 looks on a white background.

Color Contrast Check

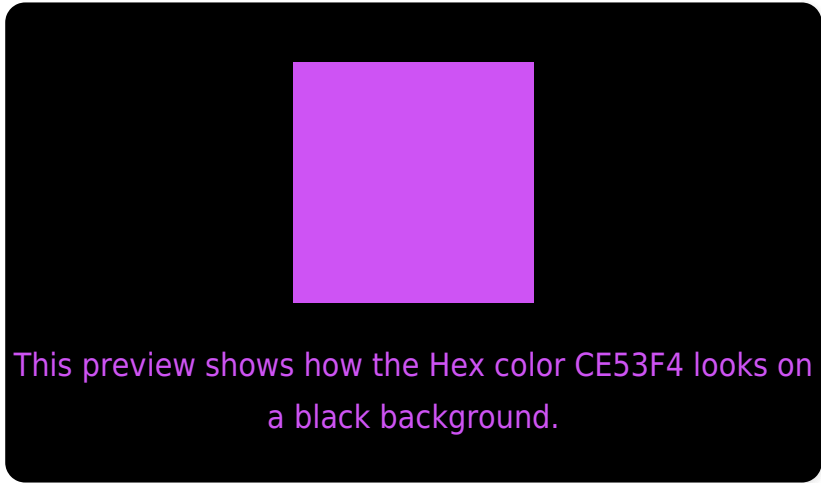
Large Text (above 18pt) WCAG AA ✓ Pass

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

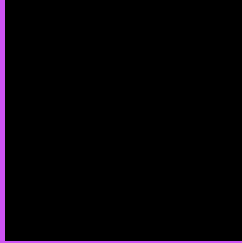
Any Text WCAG AA ✓ Pass

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 CE53F4 Background



This preview shows how black text looks on a background with the Hex color CE53F4.

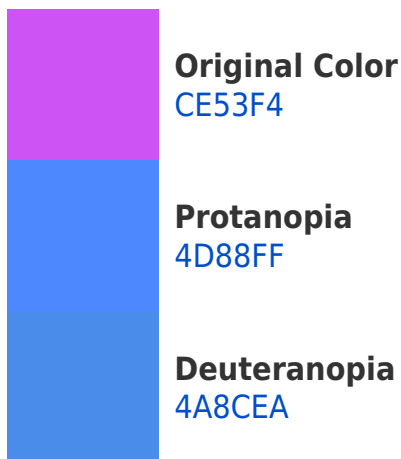


This preview shows how white text looks on a background with the Hex color CE53F4.

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
BD7780

Trichromacy



Original Color
CE53F4



Protanomaly
7C75FB



Deuteranomaly
7A77EE



Tritanomaly
C36AAA

Monochromacy



Original Color
CE53F4



Achromatopsia
8A8A8A



Achromatomaly
A376B1

CSS Examples

Text

The CSS property to change the color of the text to Hex CE53F4 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 #CE53F4 looks like.

```
.text, #text, p{  
    color:#CE53F4  
}
```

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 #CE53F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE53F4  
}
```

Border

The CSS property to change the border of an element to Hex CE53F4 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".

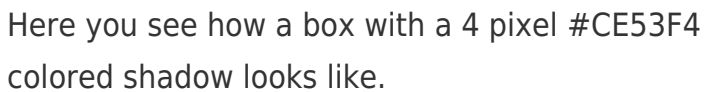
```
.border, #border, table{ border:4px solid  
#CE53F4 }
```

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

```
.border{ border-color:#CE53F4 }
```

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

Here you see how a box with a 4 pixel #CE53F4 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is shadowed, creating a 3D effect. The shadow is a darker shade of purple.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE53F4; -webkit-box-shadow:4px 4px  
4px 4px #CE53F4; box-shadow:4px 4px 4px  
4px #CE53F4 }
```

Background

The CSS property to change the background color of an element to Hex CE53F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE53F4 }
```

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

```
.background{ background-color:#CE53F4 }
```

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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