

Converting Colors

Hex(D535E4)

Have a look what the booklet for
Hex(D535E4) contains.

Hex(D535E4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D535E4)

Conversions

Conversions Part 1

Format	Color
Hex	D535E4
RGB	213, 53, 228
RGB Percent	84%, 21%, 89%
CMY	0.1647, 0.7922, 0.1059
CMYK	0.07, 0.77, 0.00, 0.11
HSL	295°, 76%, 55%
HSV	295°, 77%, 89%
XYZ	42.7173, 22.2938, 75.4505
YIQ	120.7900, 39.1850, 88.3450

Conversions

Conversions Part 2

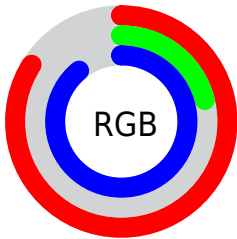
Format	Color
R_{YB}	213, 53, 228
Decimal	13972964
CIE _{Lab}	54.34, 79.82, -55.71
CIE _{LCh}	54, 97.336, 325.085
Yxy	22.2938, 0.3041, 0.1587
Android (android.graphics.Color)	4292163044 (0xFFD535E4)
YUV	120.7900, 52.8545, 80.8682
Hunter-Lab	47.2163, 78.8631, -61.6926

Details

The Hex color **D535E4** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **44E435**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF75FF**, and **9A00AC** is the 20% darker color. If you saturate the color by 10%, you get **D31EE4**, and if you desaturate by 10%, it is **D74CE4**.

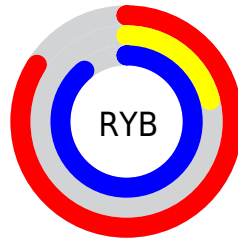
Distribution



Red (84%)

Green (21%)

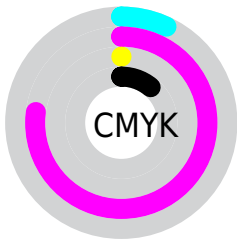
Blue (89%)



Red (84%)

Yellow (21%)

Blue (89%)

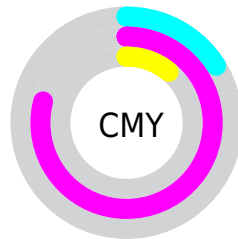


Cyan (7%)

Magenta (77%)

Yellow (0%)

Black (11%)



Cyan (16%)

Magenta (79%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color D535E4 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 D535E4 by changing the saturation by 10% instead.

 D535E4

 D535E4

FFFFFF

 B700C7

 FF75FF

 9A00AC

 FF93FF

 7D0091

 FFB0FF

 600076

 FFCEFF

 44005D

 FFECFF

 270044

 00002D

 000117

 000000

 D535E4

 D535E4

 D31EE4

 D74CE4

 D107E4

 D963E4

 D000E4

 DB79E4

 DD90E4

 DFA7E4

 E1BEE4

 E3D5E4

 E5EBE4

 E7FFE4

Harmonies

Analogous

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



3972FF



D535E4



FF0094

Triad

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



D535E4



AA7A00



00A4C8

Complementary

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



D535E4



44E435

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.



00A271



D535E4



589200

Square

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



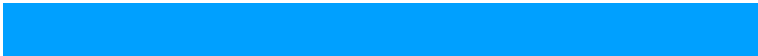
D535E4



E64F00



009D00



00A0FF

Rectangle

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



D535E4



FF005C



009D00



00A3AC

Sweetspot

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



D535E4



FAC4FF



3546E4



7C5C80



000000



808080

Same Dimension

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



D535E4



EB14FF



E4359E



726773



A300B3



2F0033

Inverse Universe

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



E43544



FF1429



35E47B



736768



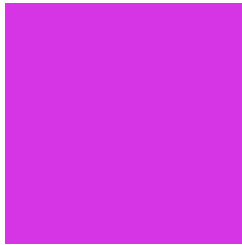
B3000F



330004

Previews

White Background



This preview shows how the Hex color D535E4 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

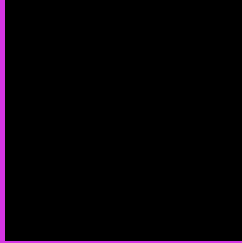
Any Text WCAG AA ✓ Pass

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 D535E4 Background



This preview shows how black text looks on a background with the Hex color D535E4.

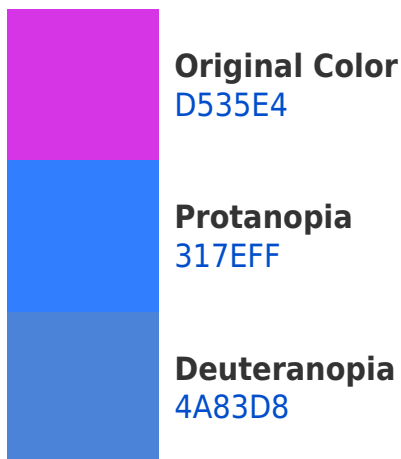


This preview shows how white text looks on a background with the Hex color D535E4.

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
C6646B

Trichromacy



Original Color
D535E4



Protanomaly
6D63F5



Deuteranomaly
7D67DC



Tritanomaly
CB5397

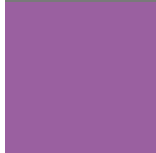
Monochromacy



Original Color
D535E4



Achromatopsia
797979



Achromatomaly
9A60A0

CSS Examples

Text

The CSS property to change the color of the text to Hex D535E4 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 #D535E4 looks like.

```
.text, #text, p{  
    color:#D535E4  
}
```

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 #D535E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D535E4
}
```

Border

The CSS property to change the border of an element to Hex D535E4 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
#D535E4 }
```

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

```
.border{ border-color:#D535E4 }
```

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

Here you see how a box with a 4 pixel #D535E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D535E4; -webkit-box-shadow:4px 4px  
4px 4px #D535E4; box-shadow:4px 4px 4px  
4px #D535E4 }
```

Background

The CSS property to change the background color of an element to Hex D535E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D535E4 }
```

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

```
.background{ background-color:#D535E4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor