

# Converting Colors

Hex(D25FE3)

Have a look what the booklet for  
Hex(D25FE3) contains.

<b>Hex(D25FE3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(D25FE3)

# Conversions

## Conversions Part 1

Format	Color
Hex	D25FE3
RGB	210, 95, 227
RGB Percent	82%, 37%, 89%
CMY	0.1765, 0.6275, 0.1098
CMYK	0.07, 0.58, 0.00, 0.11
HSL	292°, 70%, 63%
HSV	292°, 58%, 89%
XYZ	44.5357, 27.4321, 75.6207
YIQ	144.4330, 26.1680, 65.4320

# Conversions

## Conversions Part 2

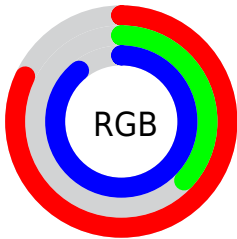
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 95, 227
Decimal	13787107
CIE <sub>Lab</sub>	59.37, 63.47, -47.16
CIE <sub>LCh</sub>	59, 79.077, 323.386
Yxy	27.4321, 0.3018, 0.1859
Android (android.graphics.Color)	4291977187 (0xFFD25FE3)
YUV	144.4330, 40.7055, 57.5023
Hunter-Lab	52.3757, 60.1233, -48.9407

# Details

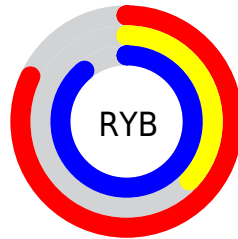
The Hex color **D25FE3** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **70E35F**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF97FF**, and **9823AB** is the 20% darker color. If you saturate the color by 10%, you get **CF48E3**, and if you desaturate by 10%, it is **D576E3**.

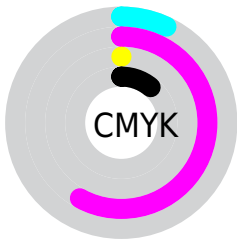
# Distribution



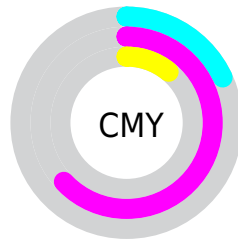
- Red (82%)
- Green (37%)
- Blue (89%)



- Red (82%)
- Yellow (37%)
- Blue (89%)



- Cyan (7%)
- Magenta (58%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (63%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D25FE3 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 D25FE3 by changing the saturation by 10% instead.



 D25FE3

 D25FE3

FFFFFF

 B543C7

 FF97FF

 9823AB

 FFB3FF

 7C0090

 FFD0FF

 610076

 FFEDFF

 45005C

 2D0044

 06002D

 000117

 000000

 D25FE3

 D25FE3

 CF48E3

 D576E3

 CC32E3

 D88CE3

 C91BE3

 DBA3E3

 C604E3

 DEBAE3

 C600E3

 E1D1E3

 E4E7E3

 E6FEE3

 E9FFE3

 ECFE3

# Harmonies

## Analogous

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



6483FF



D25FE3



FF3DA1

# Triad

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



D25FE3



B98700



00ADC4

# Complementary

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



D25FE3



70E35F

# 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.



00AC7D



D25FE3



789B00

# Square

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



D25FE3



EB6716



00A733



00A9FE

# Rectangle

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



D25FE3



FF3C73



00A733



00AEAD



# Sweetspot

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



D25FE3



F9D4FF



5F71E3



7C6680



000000



808080



# Same Dimension

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



D25FE3



E84DFF



E35FB3



716773



9C00B3



2C0033



# Inverse Universe

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



E35F70



FF4D63



5FE38F



736769



B30017



330007



# Previews

## White Background



This preview shows how the Hex color D25FE3 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

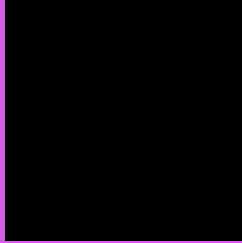
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D25FE3 Background



This preview shows how black text looks on a background with the Hex color D25FE3.

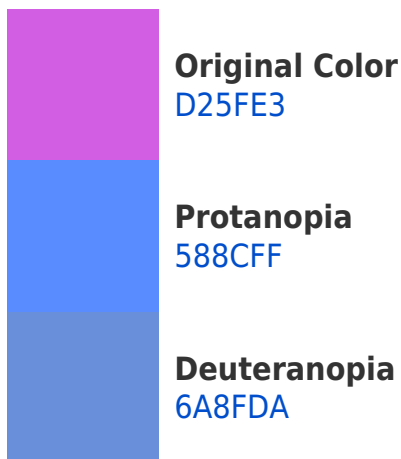


This preview shows how white text looks on a background with the Hex color D25FE3.

# 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](#).

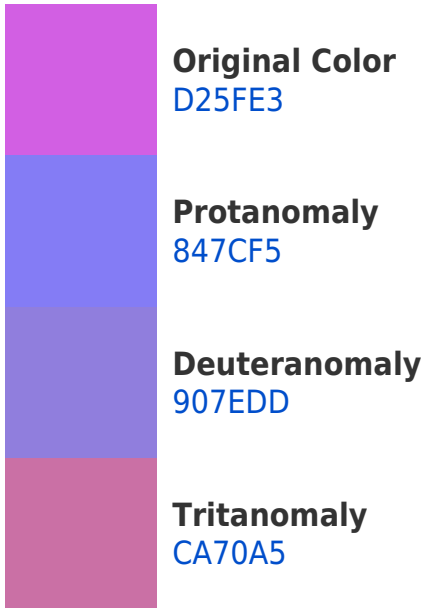
## Dichromacy



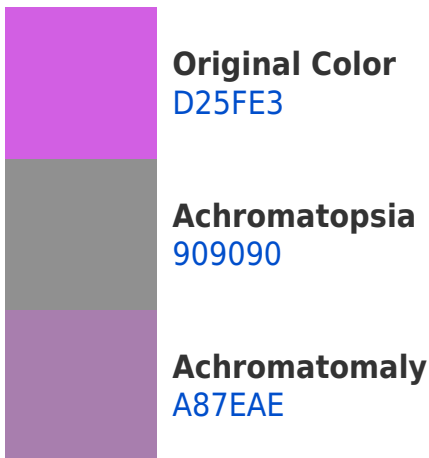


**Tritanopia**  
C57982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D25FE3 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 #D25FE3 looks like.

```
.text, #text, p{  
    color:#D25FE3  
}
```

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 #D25FE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D25FE3
}
```

## Border

The CSS property to change the border of an element to Hex D25FE3 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
#D25FE3 }
```

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

```
.border{ border-color:#D25FE3 }
```

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

Here you see how a box with a 4 pixel #D25FE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D25FE3; -webkit-box-shadow:4px 4px  
4px 4px #D25FE3; box-shadow:4px 4px 4px  
4px #D25FE3 }
```

# Background

The CSS property to change the background color of an element to Hex D25FE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D25FE3 }
```

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

```
.background{ background-color:#D25FE3 }
```

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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