

# Converting Colors

Hex(D25AE6)

Have a look what the booklet for  
Hex(D25AE6) contains.

<b>Hex(D25AE6)</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(D25AE6)

# Conversions

## Conversions Part 1

Format	Color
Hex	D25AE6
RGB	210, 90, 230
RGB Percent	82%, 35%, 90%
CMY	0.1765, 0.6471, 0.0980
CMYK	0.09, 0.61, 0.00, 0.10
HSL	291°, 74%, 63%
HSV	291°, 61%, 90%
XYZ	44.5174, 26.7271, 77.6754
YIQ	141.8400, 26.5800, 68.9800

# Conversions

## Conversions Part 2

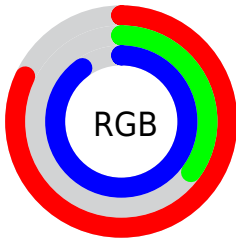
Format	Color
R <sub>YB</sub>	210, 90, 230
Decimal	13785830
CIE Lab	58.72, 66.23, -49.88
CIE LCh	59, 82.908, 323.016
Yxy	26.7271, 0.2989, 0.1795
Android (android.graphics.Color)	4291975910 (0xFFD25AE6)
YUV	141.8400, 43.4629, 59.7763
Hunter-Lab	51.6983, 63.2344, -52.8930

# Details

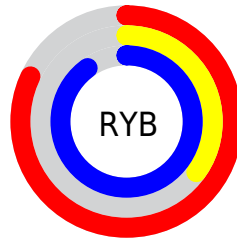
The Hex color **D25AE6** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **6EE65A**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF92FF**, and **981BAE** is the 20% darker color. If you saturate the color by 10%, you get **CF43E6**, and if you desaturate by 10%, it is **D571E6**.

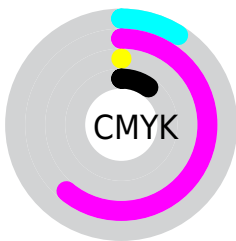
# Distribution



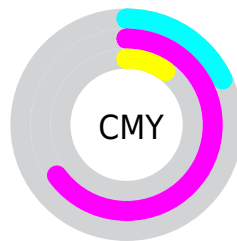
- Red (82%)
- Green (35%)
- Blue (90%)



- Red (82%)
- Yellow (35%)
- Blue (90%)



- Cyan (9%)
- Magenta (61%)
- Yellow (0%)
- Black (10%)



- Cyan (18%)
- Magenta (65%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D25AE6 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 D25AE6 by changing the saturation by 10% instead.



 D25AE6

 D25AE6

FFFFFF

 B53DCA

 FF92FF

 981BAE

 FFAFFF

 7C0093

 FFCCFF

 600078

 FFE9FF

 44005F

 2C0047

 02002F

 000119

 000000

 D25AE6

 D25AE6

 CF43E6

 D571E6

 CB2CE6

 D988E6

 C815E6

 DC9FE6

 C500E6

 DFB6E6

 E2CDE6

 E6E4E6

 E9FBE6

 ECFFE6

 F0FFE6

# Harmonies

## Analogous

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



5982FF



D25AE6



FF30A2

# Triad

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



D25AE6



B98400



00ADC4

# Complementary

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



D25AE6



6EE65A

# 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.



00AB79



D25AE6



759A00

# Square

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



D25AE6



EC6308



00A62A



00A9FF

# Rectangle

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



D25AE6



FF2E71



00A62A



00ADAC



# Sweetspot

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



D25AE6



F8D1FF



5A6FE6



7B6380



000000



808080



# Same Dimension

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



D25AE6



E445FF



E65AB5



716773



9900B3



2C0033



# Inverse Universe

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



E65A6E



FF455F



5AE68B



736769



B3001A

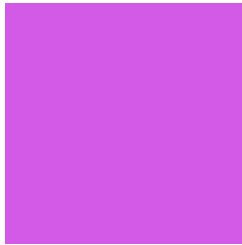


330007



# Previews

## White Background



This preview shows how the Hex color D25AE6 looks on a white background.

## Color Contrast Check

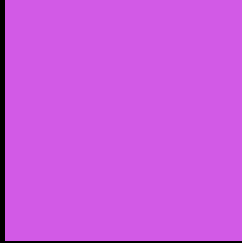
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color D25AE6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

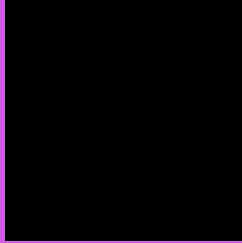
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D25AE6 Background



This preview shows how black text looks on a background with the Hex color D25AE6.

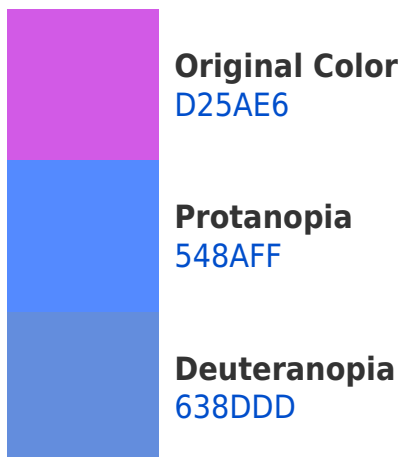


This preview shows how white text looks on a background with the Hex color D25AE6.

# 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](#).

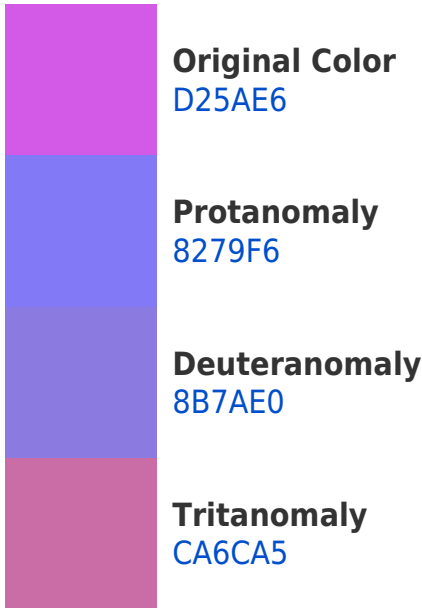
## Dichromacy





**Tritanopia**  
C57780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D25AE6 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 #D25AE6 looks like.

```
.text, #text, p{  
    color:#D25AE6  
}
```

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 #D25AE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D25AE6
}
```

## Border

The CSS property to change the border of an element to Hex D25AE6 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
#D25AE6 }
```

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

```
.border{ border-color:#D25AE6 }
```

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

Here you see how a box with a 4 pixel #D25AE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D25AE6; -webkit-box-shadow:4px 4px  
4px 4px #D25AE6; box-shadow:4px 4px 4px  
4px #D25AE6 }
```

# Background

The CSS property to change the background color of an element to Hex D25AE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D25AE6 }
```

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

```
.background{ background-color:#D25AE6 }
```

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