

# Converting Colors

Hex(D022E6)

Have a look what the booklet for  
Hex(D022E6) contains.

<b>Hex(D022E6)</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(D022E6)

# Conversions

## Conversions Part 1

Format	Color
Hex	D022E6
RGB	208, 34, 230
RGB Percent	82%, 13%, 90%
CMY	0.1843, 0.8667, 0.0980
CMYK	0.10, 0.85, 0.00, 0.10
HSL	293°, 80%, 52%
HSV	293°, 85%, 90%
XYZ	40.8674, 20.2671, 76.6209
YIQ	108.3700, 40.7880, 97.8440

# Conversions

## Conversions Part 2

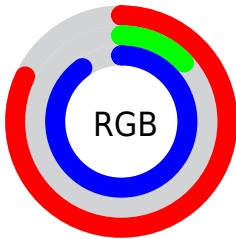
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">208, 34, 230</a>
Decimal	<a href="#">13640422</a>
CIELab	<a href="#">52.14, 83.69, -60.41</a>
CIELCh	<a href="#">52, 103.214, 324.174</a>
Yxy	<a href="#">20.2671, 0.2967, 0.1471</a>
Android (android.graphics.Color)	<a href="#">4291830502 (0xFFD022E6)</a>
YUV	<a href="#">108.3700, 59.9636, 87.3755</a>
Hunter-Lab	<a href="#">45.0190, 83.2555, -69.3963</a>

# Details

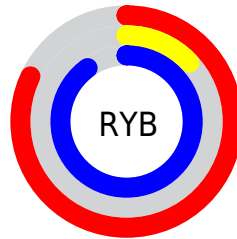
The Hex color **D022E6** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **38E622**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF6AFF**, and **9400AD** is the 20% darker color. If you saturate the color by 10%, you get **CD0BE6**, and if you desaturate by 10%, it is **D339E6**.

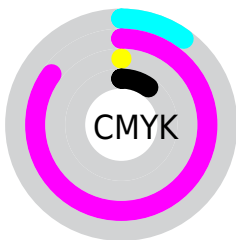
# Distribution



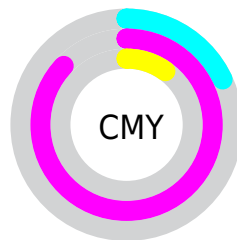
- Red (82%)
- Green (13%)
- Blue (90%)



- Red (82%)
- Yellow (13%)
- Blue (90%)



- Cyan (10%)
- Magenta (85%)
- Yellow (0%)
- Black (10%)



- Cyan (18%)
- Magenta (87%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D022E6 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 D022E6 by changing the saturation by 10% instead.



 D022E6

 D022E6

FFFFFF

 B200C9

 FF6AFF

 9400AD

 FF88FF

 770092

 FFA6FF

 5A0078

 FFC4FF

 3E005E

 FFE2FF

 1E0045

 00002E

 000118

 000000

 D022E6

 D022E6

 CD0BE6

 D339E6

 CC00E6

 D550E6

 D867E6

 DA7EE6

 DD95E6

 DFACE6

 E2C3E6

 E5DAE6

 E7F1E6

# Harmonies

## Analogous

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



006DFF



D022E6



FF0092

# Triad

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



D022E6



A67300



009FC3

# Complementary

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



D022E6



38E622

# 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.



009D68



D022E6



508C00

# Square

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



D022E6



E54100



009800



009CFF

# Rectangle

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



D022E6



FF0058



009800



009EA6



# Sweetspot

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



D022E6



F8BDFD



2239E6



7B5880



000000



808080



# Same Dimension

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



D022E6



E200FF



E6229B



716773



9E00B3



2D0033



# Inverse Universe

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



E62238



FF001D



22E66D



736769



B30014

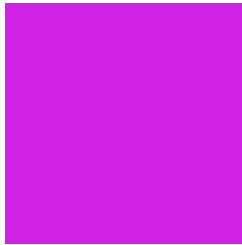


330006



# Previews

## White Background



This preview shows how the Hex color D022E6 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

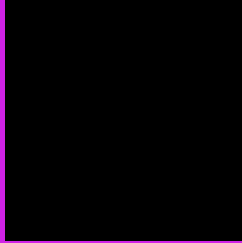
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D022E6 Background



This preview shows how black text looks on a background with the Hex color D022E6.

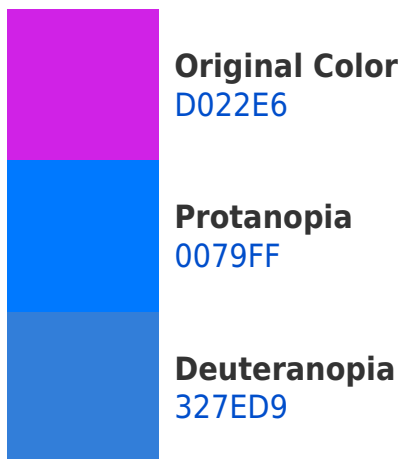


This preview shows how white text looks on a background with the Hex color D022E6.

# 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





# Trichromacy



**Original Color**  
D022E6



**Protanomaly**  
4C59F6



**Deuteranomaly**  
6B5DDE



**Tritanomaly**  
C64894

# Monochromacy



**Original Color**  
D022E6



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
905198

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D022E6 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 #D022E6 looks like.

```
.text, #text, p{  
    color:#D022E6  
}
```

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 #D022E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D022E6
}
```

## Border

The CSS property to change the border of an element to Hex D022E6 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
#D022E6 }
```

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

```
.border{ border-color:#D022E6 }
```

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

Here you see how a box with a 4 pixel #D022E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D022E6; -webkit-box-shadow:4px 4px  
4px 4px #D022E6; box-shadow:4px 4px 4px  
4px #D022E6 }
```

# Background

The CSS property to change the background color of an element to Hex D022E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D022E6 }
```

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

```
.background{ background-color:#D022E6 }
```

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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