

# Converting Colors

Hex(D646D5)

Have a look what the booklet for  
Hex(D646D5) contains.

<b>Hex(D646D5)</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(D646D5)

# Conversions

## Conversions Part 1

Format	Color
Hex	D646D5
RGB	214, 70, 213
RGB Percent	84%, 27%, 84%
CMY	0.1608, 0.7255, 0.1647
CMYK	0.00, 0.67, 0.00, 0.16
HSL	300°, 64%, 56%
HSV	300°, 67%, 84%
XYZ	41.9320, 23.4806, 65.2729
YIQ	129.3580, 39.9210, 75.0010

# Conversions

## Conversions Part 2

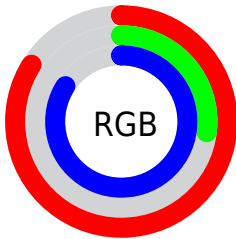
Format	Color
<a href="#">RYB</a>	<a href="#">214, 70, 213</a>
Decimal	<a href="#">14042837</a>
CIELab	<a href="#">55.56, 72.17, -45.25</a>
CIELCh	<a href="#">56, 85.181, 327.911</a>
Yxy	<a href="#">23.4806, 0.3209, 0.1797</a>
Android (android.graphics.Color)	<a href="#">4292232917 (0xFFD646D5)</a>
YUV	<a href="#">129.3580, 41.2355, 74.2310</a>
Hunter-Lab	<a href="#">48.4567, 69.6654, -45.9460</a>

# Details

The Hex color **D646D5** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **46D647**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF81FF**, and **9B009E** is the 20% darker color. If you saturate the color by 10%, you get **D631D5**, and if you desaturate by 10%, it is **D65BD5**.

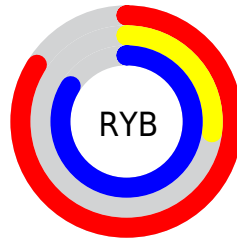
# Distribution



Red (84%)

Green (27%)

Blue (84%)



Red (84%)

Yellow (27%)

Blue (84%)

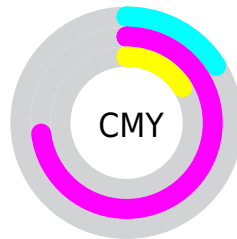


Cyan (0%)

Magenta (67%)

Yellow (0%)

Black (16%)



Cyan (16%)

Magenta (73%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D646D5 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 D646D5 by changing the saturation by 10% instead.



 D646D5

 D646D5

FFFFFF

 B923B9

 FF81FF

 9B009E

 FF9EFF

 7F0083

 FFBBFF

 630069

 FFD9FF

 470050

 FFF7FF

 2D0039

 010022

 000008

 000000

 D646D5

 D646D5

 D631D5

 D65BD5

 D61BD5

 D671D5

 D606D5

 D686D5

 D600D5

 D69CD6

 D6B1D6

 D6C6D6

 D6DCD6

 D6F1D6

 D6FFD6

# Harmonies

## Analogous

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



6C74FF



D646D5



FF098E

# Triad

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



D646D5



A68100



00A4C9

# Complementary

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



D646D5



46D647

# 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.



00A37E



D646D5



5D9400

# Square

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



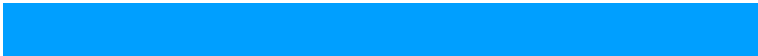
D646D5



DD5F00



009F2D



009FFF

# Rectangle

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



D646D5



FF1A5D



009F2D



00A4B1



# Sweetspot

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



D646D5



FFCCFF



4646D6



80617F



000000



808080



# Same Dimension

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



D646D5



FF30FE



D6468E



6B606B



AB00AA



2B002B



# Inverse Universe

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



D646D5



FF30FE



46D68E



6B606B



AB00AA



2B002B



# Previews

## White Background



This preview shows how the Hex color D646D5 looks on a white background.

## Color Contrast Check

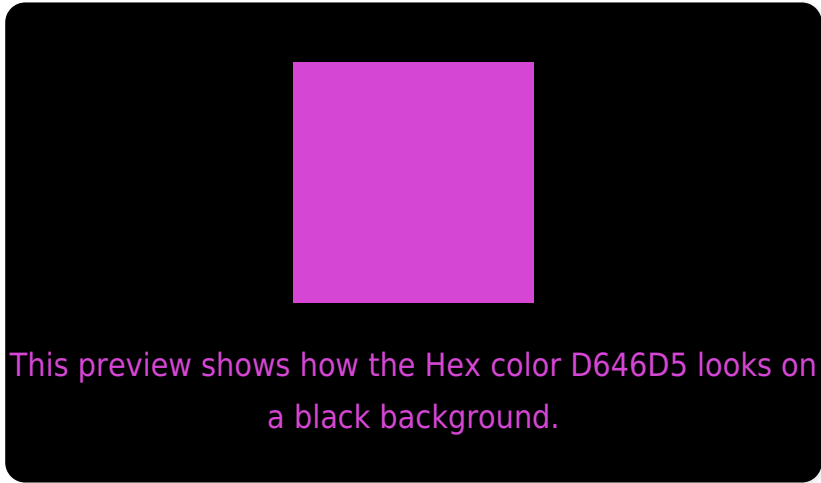
Large Text (above 18pt) WCAG AA ✓ Pass

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

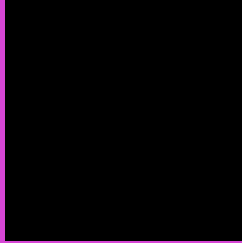
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D646D5 Background



This preview shows how black text looks on a background with the Hex color D646D5.

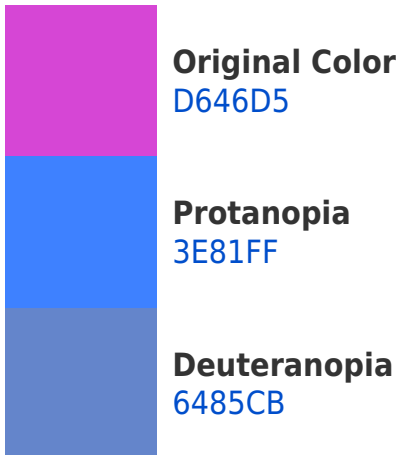


This preview shows how white text looks on a background with the Hex color D646D5.

# 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**  
D646D5



**Protanomaly**  
756CF0



**Deuteranomaly**  
8D6ECF



**Tritanomaly**  
CE5B93

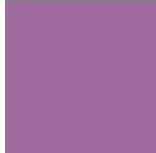
# Monochromacy



**Original Color**  
D646D5



**Achromatopsia**  
818181



**Achromatomaly**  
A06CA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D646D5 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 #D646D5 looks like.

```
.text, #text, p{  
    color:#D646D5  
}
```

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 #D646D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D646D5
}
```

## Border

The CSS property to change the border of an element to Hex D646D5 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
#D646D5 }
```

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

```
.border{ border-color:#D646D5 }
```

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

Here you see how a box with a 4 pixel #D646D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D646D5; -webkit-box-shadow:4px 4px  
4px 4px #D646D5; box-shadow:4px 4px 4px  
4px #D646D5 }
```

# Background

The CSS property to change the background color of an element to Hex D646D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D646D5 }
```

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

```
.background{ background-color:#D646D5 }
```

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