

# Converting Colors

Hex(D162A5)

Have a look what the booklet for  
Hex(D162A5) contains.

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# **Color**

**Hex(D162A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D162A5
RGB	209, 98, 165
RGB Percent	82%, 38%, 65%
CMY	0.1804, 0.6157, 0.3529
CMYK	0.00, 0.53, 0.21, 0.18
HSL	324°, 55%, 60%
HSV	324°, 53%, 82%
XYZ	37.4537, 25.0073, 38.4502
YIQ	138.8270, 44.6490, 44.3690

# Conversions

## Conversions Part 2

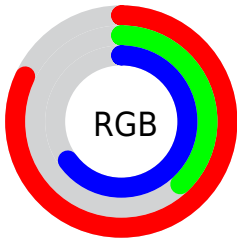
Format	Color
R <sub>Y</sub> B	209, 98, 165
Decimal	13722277
CIE Lab	57.08, 51.56, -15.36
CIE LCh	57, 53.798, 343.409
Yxy	25.0073, 0.3712, 0.2478
Android (android.graphics.Color)	4291912357 (0xFFD162A5)
YUV	138.8270, 12.9033, 61.5417
Hunter-Lab	50.0073, 46.1775, -10.5825

# Details

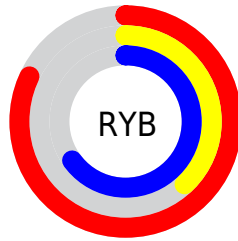
The Hex color **D162A5** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **62D18E**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF98DC**, and **982B71** is the 20% darker color. If you saturate the color by 10%, you get **D14D9D**, and if you desaturate by 10%, it is **D177AD**.

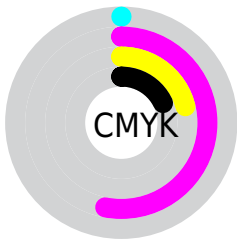
# Distribution



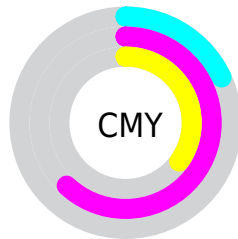
- Red (82%)
- Green (38%)
- Blue (65%)



- Red (82%)
- Yellow (38%)
- Blue (65%)



- Cyan (0%)
- Magenta (53%)
- Yellow (21%)
- Black (18%)



- Cyan (18%)
- Magenta (62%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D162A5 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 D162A5 by changing the saturation by 10% instead.



 D162A5

 D162A5

FFFFFF

 B4478B

 FF98DC

 982B71

 FFB4F9

 7C0659

 FFD1FF

 610041

 FFEEFF

 46002B

 2E0016

 000000

 D162A5

 D162A5

 D14D9D

 D177AD

 D13894

 D18CB6

 D1238C

 D1A1BE

 D10E84

 D1B6C6

 D1007E

 D1CBCE

 D1DFD7

 D1F4DF

 D1FFE7

 D1FFF0

# Harmonies

## Analogous

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



A774CE



D162A5



DF5E76

# Triad

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



D162A5



8E8D25



009DC8

# Complementary

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



D162A5



62D18E

# 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.



00A09D



D162A5



599841

# Square

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



D162A5



B77D2A



009E6D



0095E3

# Rectangle

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



D162A5



DA6558



009E6D



009FBB



# Sweetspot

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



D162A5



FFD6EF



8D62D1



806776



000000



808080



# Same Dimension

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



D162A5



FF5CBE



D1626F



695E64



A80066



290019



# Inverse Universe

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



D162A5



FF5CBE



62D1C4



695E64



A80066



290019



# Previews

## White Background



This preview shows how the Hex color D162A5 looks on a white background.

## Color Contrast Check

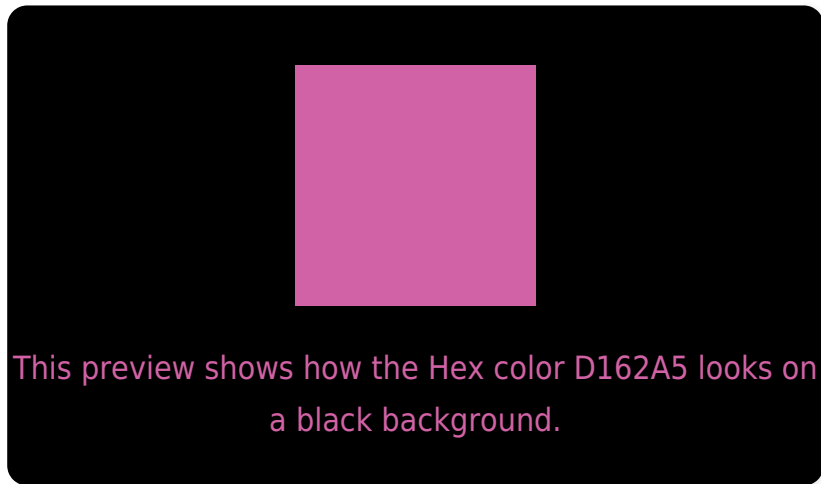
Large Text (above 18pt) WCAG AA ✓ Pass

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 D162A5 Background



This preview shows how black text looks on a background with the Hex color D162A5.

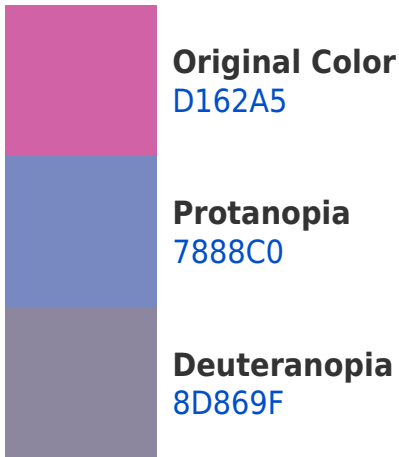


This preview shows how white text looks on a background with the Hex color D162A5.

# 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**  
D162A5



**Protanomaly**  
987AB6



**Deuteranomaly**  
A679A1

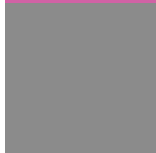


**Tritanomaly**  
CE6986

# Monochromacy



**Original Color**  
D162A5



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
A47C94

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D162A5 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 #D162A5 looks like.

```
.text, #text, p{  
    color:#D162A5  
}
```

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 #D162A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D162A5
}
```

## Border

The CSS property to change the border of an element to Hex D162A5 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
#D162A5 }
```

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

```
.border{ border-color:#D162A5 }
```

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

Here you see how a box with a 4 pixel #D162A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D162A5; -webkit-box-shadow:4px 4px  
4px 4px #D162A5; box-shadow:4px 4px 4px  
4px #D162A5 }
```

# Background

The CSS property to change the background color of an element to Hex D162A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D162A5 }
```

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

```
.background{ background-color:#D162A5 }
```

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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