

Converting Colors

Hex(D640AA)

Have a look what the booklet for
Hex(D640AA) contains.

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Color

Hex(D640AA)

Conversions

Conversions Part 1

Format	Color
Hex	D640AA
RGB	214, 64, 170
RGB Percent	84%, 25%, 67%
CMY	0.1608, 0.7490, 0.3333
CMYK	0.00, 0.70, 0.21, 0.16
HSL	318°, 65%, 55%
HSV	318°, 70%, 84%
XYZ	36.8207, 20.8652, 40.1169
YIQ	120.9340, 55.3740, 64.7660

Conversions

Conversions Part 2

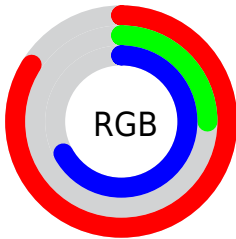
Format	Color
R_{YB}	214, 64, 170
Decimal	14041258
CIE _{Lab}	52.80, 67.93, -24.76
CIE _{LCh}	53, 72.303, 339.978
Yxy	20.8652, 0.3765, 0.2133
Android (android.graphics.Color)	4292231338 (0xFFD640AA)
YUV	120.9340, 24.1895, 81.6189
Hunter-Lab	45.6785, 63.9486, -20.0963

Details

The Hex color **D640AA** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **40D66C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF7BE1**, and **9B0076** is the 20% darker color. If you saturate the color by 10%, you get **D62BA4**, and if you desaturate by 10%, it is **D655B0**.

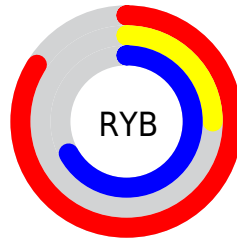
Distribution



Red (84%)

Green (25%)

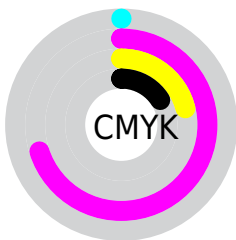
Blue (67%)



Red (84%)

Yellow (25%)

Blue (67%)

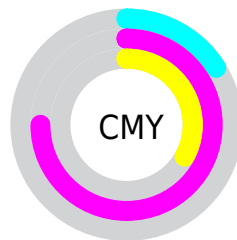


Cyan (0%)

Magenta (70%)

Yellow (21%)

Black (16%)



Cyan (16%)

Magenta (75%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color D640AA 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 D640AA by changing the saturation by 10% instead.

 D640AA

 D640AA

FFFFFF

 B81B8F

 FF7BE1

 9B0076

 FF98FE

 7F005D

 FFB5FF

 620045

 FFD2FF

 48002E

 FFF0FF

 2C0019

 000000

 D640AA

 D640AA

 D62BA4

 D655B0

 D6159D

 D66BB7

 D60097

 D680BD

 D696C3

 D6ABC9

 D6C0D0

 D6D6D6

 D6EBDC

 D6FFE2

Harmonies

Analogous

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



9863DE



D640AA



EA326C

Triad

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



D640AA



868200



0098CD

Complementary

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



D640AA



40D66C

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.



009992



D640AA



3E9001

Square

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



D640AA



B96B00



009751



0090F3

Rectangle

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



D640AA



E54144



009751



0099BB

Sweetspot

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



D640AA



FFC9EF



6A40D6



806076



000000



808080

Same Dimension

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



D640AA



FF29C0



D64061



6B6068



AB0079



2B001F

Inverse Universe

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



D640AA



FF29C0



40D6B6



6B6068



AB0079



2B001F

Previews

White Background



This preview shows how the Hex color D640AA looks on a white background.

Color Contrast Check

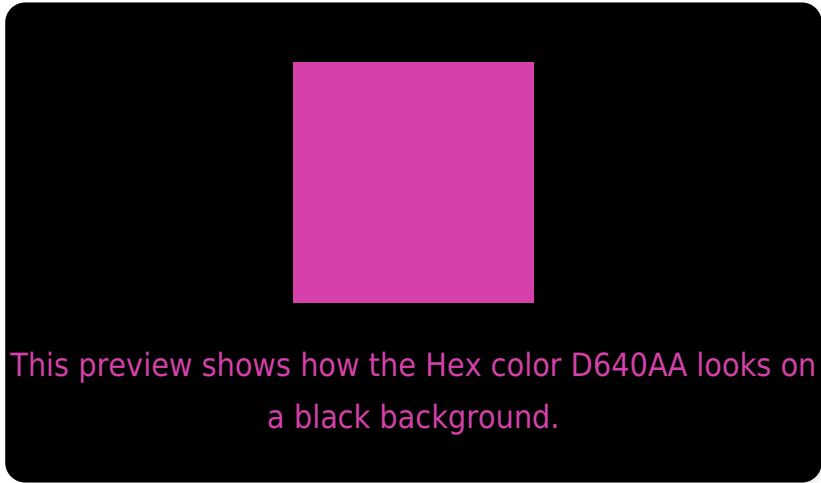
Large Text (above 18pt) WCAG AA ✓ Pass

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 D640AA Background



This preview shows how black text looks on a background with the Hex color D640AA.

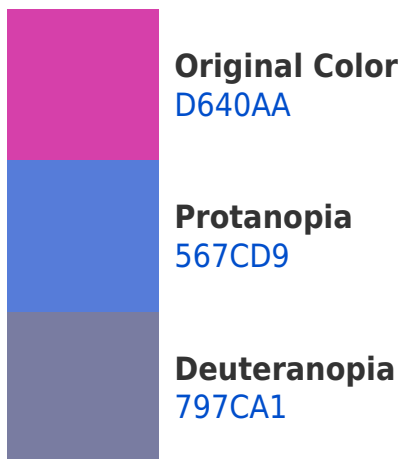


This preview shows how white text looks on a background with the Hex color D640AA.

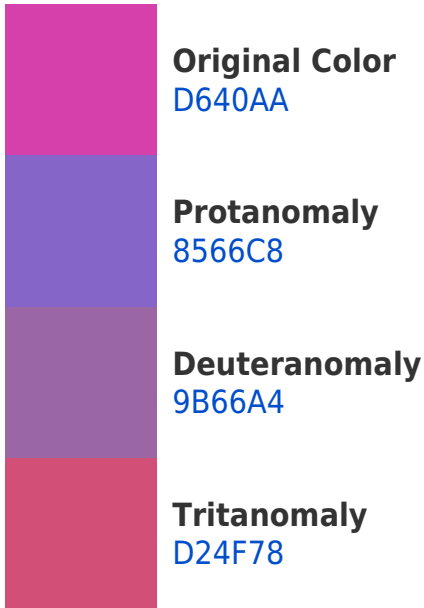
Color Blindness Simulation

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](#).

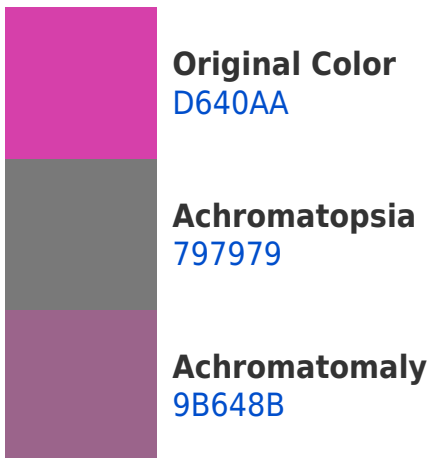
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D640AA 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 #D640AA looks like.

```
.text, #text, p{  
  color:#D640AA  
}
```

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 #D640AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D640AA }
}
```

Border

The CSS property to change the border of an element to Hex D640AA 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 #D640AA }
}
```

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

```
.border{ border-color:#D640AA }
```

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

Here you see how a box with a 4 pixel #D640AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D640AA; -webkit-box-shadow:4px 4px  
4px 4px #D640AA; box-shadow:4px 4px 4px  
4px #D640AA }
```

Background

The CSS property to change the background color of an element to Hex D640AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D640AA }
```

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

```
.background{ background-color:#D640AA }
```

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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