

Converting Colors

Hex(8641DA)

Have a look what the booklet for
Hex(8641DA) contains.

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Color

Hex(8641DA)

Conversions

Conversions Part 1

Format	Color
Hex	8641DA
RGB	134, 65, 218
RGB Percent	53%, 25%, 85%
CMY	0.4745, 0.7451, 0.1451
CMYK	0.39, 0.70, 0.00, 0.15
HSL	267°, 67%, 55%
HSV	267°, 70%, 85%
XYZ	24.3767, 13.9109, 67.7299
YIQ	103.0730, -7.9890, 62.2110

Conversions

Conversions Part 2

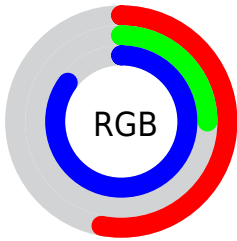
Format	Color
RYB	134, 65, 218
Decimal	8798682
CIELab	44.10, 58.60, -67.10
CIELCh	44, 89.086, 311.133
Yxy	13.9109, 0.2299, 0.1312
Android (android.graphics.Color)	4286988762 (0xFF8641DA)
YUV	103.0730, 56.6590, 27.1230
Hunter-Lab	37.2973, 51.3935, -81.5594

Details

The Hex color **8641DA** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **95DA41**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **C176FF**, and **4B01A2** is the 20% darker color. If you saturate the color by 10%, you get **7A2BDA**, and if you desaturate by 10%, it is **9257DA**.

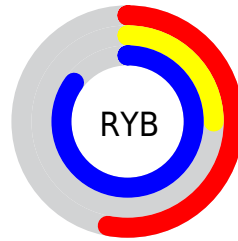
Distribution



Red (53%)

Green (25%)

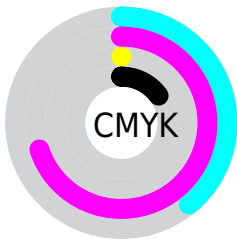
Blue (85%)



Red (53%)

Yellow (25%)

Blue (85%)

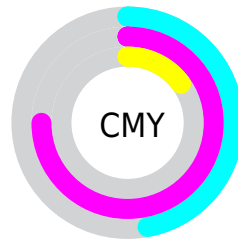


Cyan (39%)

Magenta (70%)

Yellow (0%)

Black (15%)



Cyan (47%)

Magenta (75%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8641DA 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 8641DA by changing the saturation by 10% instead.

 8641DA

 8641DA

FFFFFF

 6926BE

 C176FF

 4B01A2

 DE91FF

 2A0087

 FDADFF

 00006D

 FFC9FF

 000053

 FFE6FF

 00063B

 000224

 00000D

 000000

 8641DA

 8641DA

 7A2BDA

 9257DA

 6E15DA

 9E6DDA

 6200DA

 AA82DA

 B698DA

 C2AEDA

 CEC4DA

 DADADA

 E6EFDA

 F2FFDA

Harmonies

Analogous

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



006AFD



8641DA



CF009A

Triad

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



8641DA



A55200



008583

Complementary

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



8641DA



95DA41

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.



008234



8641DA



676E00

Square

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



8641DA



D11100



007C00



0085CA

Rectangle

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



8641DA



E10069



007C00



008469

Sweetspot

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



8641DA



E2C9FF



4195DA



6E6080



000000



808080

Same Dimension

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



8641DA



8929FF



D241DA



68636E



4E00AD



15002E

Inverse Universe

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



DA4195



FF299E



49DA41



6E6369



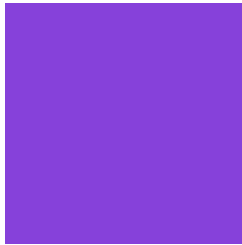
AD005F



2E0019

Previews

White Background



This preview shows how the Hex color 8641DA looks on a white background.

Color Contrast Check

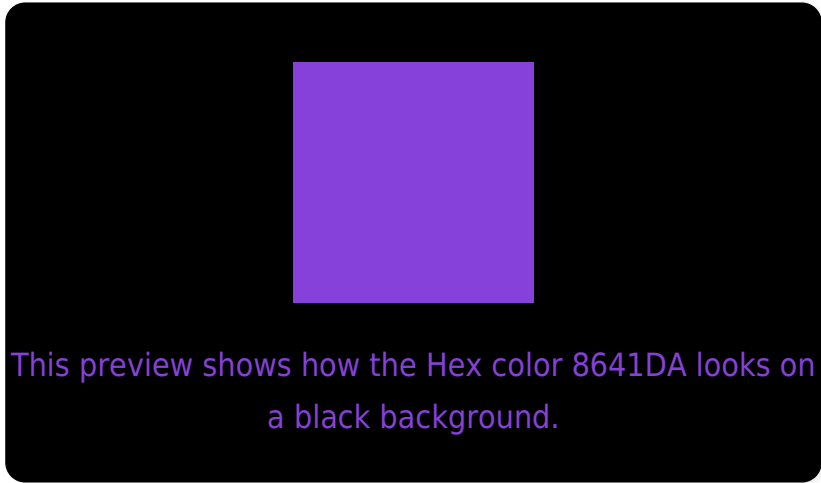
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

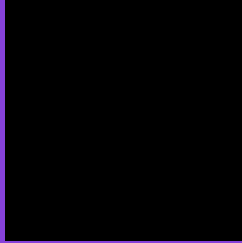
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 8641DA Background



This preview shows how black text looks on a background with the Hex color 8641DA.



This preview shows how white text looks on a background with the Hex color 8641DA.

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
8641DA



Protanomaly
3158D7

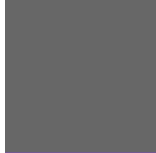


Tritanomaly
775895

Monochromacy



Original Color
8641DA



Achromatopsia
676767



Achromatomaly
725991

CSS Examples

Text

The CSS property to change the color of the text to Hex 8641DA 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 #8641DA looks like.

```
.text, #text, p{  
    color:#8641DA  
}
```

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 #8641DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8641DA
}
```

Border

The CSS property to change the border of an element to Hex 8641DA 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".

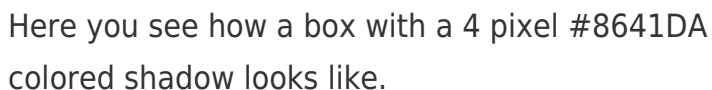
```
.border, #border, table{ border:4px solid
#8641DA }
```

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

```
.border{ border-color:#8641DA }
```

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

Here you see how a box with a 4 pixel #8641DA colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8641DA; -webkit-box-shadow:4px 4px  
4px 4px #8641DA; box-shadow:4px 4px 4px  
4px #8641DA }
```

Background

The CSS property to change the background color of an element to Hex 8641DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8641DA }
```

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

```
.background{ background-color:#8641DA }
```

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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