

Converting Colors

Hex(8710DC)

Have a look what the booklet for
Hex(8710DC) contains.

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Color

Hex(8710DC)

Conversions

Conversions Part 1

Format	Color
Hex	8710DC
RGB	135, 16, 220
RGB Percent	53%, 6%, 86%
CMY	0.4706, 0.9373, 0.1373
CMYK	0.39, 0.93, 0.00, 0.14
HSL	275°, 86%, 46%
HSV	275°, 93%, 86%
XYZ	23.0952, 10.6888, 68.5560
YIQ	74.8370, 5.4400, 88.6720

Conversions

Conversions Part 2

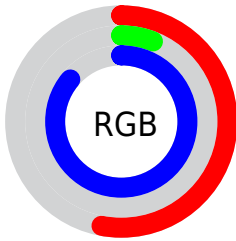
Format	Color
R_{YB}	135, 16, 220
Decimal	8851676
CIE _{Lab}	39.05, 74.72, -76.50
CIE _{LCh}	39, 106.936, 314.323
Yxy	10.6888, 0.2257, 0.1044
Android (android.graphics.Color)	4287041756 (0xFF8710DC)
YUV	74.8370, 71.5654, 52.7630
Hunter-Lab	32.6937, 68.8806, -101.4407

Details

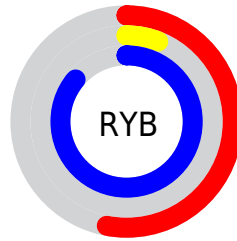
The Hex color **8710DC** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **65DC10**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **C356FF**, and **4900A3** is the 20% darker color. If you saturate the color by 10%, you get **8000DC**, and if you desaturate by 10%, it is **9026DC**.

Distribution



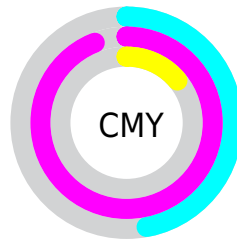
- Red (53%)
- Green (6%)
- Blue (86%)



- Red (53%)
- Yellow (6%)
- Blue (86%)



- Cyan (39%)
- Magenta (93%)
- Yellow (0%)
- Black (14%)



- Cyan (47%)
- Magenta (94%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8710DC 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 8710DC by changing the saturation by 10% instead.

 8710DC

 8710DC

FFFFFF

 6900BF

 C356FF

 4900A3

 E272FF

 250088

 FF8FFF

 00006E

 FFABFF

 000054

 FFC8FF

 00063C

 FFE6FF

 000225

 00010E

 000000

■ 8710DC

■ 8710DC

■ 8000DC

■ 9026DC

■ 993CDC

■ A352DC

■ AC68DC

■ B57EDC

■ BE94DC

■ C7AADC

■ D0C0DC

■ DAD6DC

Harmonies

Analogous

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



005DFF



8710DC



D7008D

Triad

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



8710DC



954600



007A85

Complementary

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



8710DC



65DC10

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.



007727



8710DC



496500

Square

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



8710DC



CB0000



007200



007BD7

Rectangle

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



8710DC



E60054



007200



007967

Sweetspot

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



8710DC



E1B8FF



1065DC



6D5480



000000



808080

Same Dimension

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



8710DC



9500FF



DC10CB



69636E



6500AD



1B002E

Inverse Universe

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



DC1065



FF006A



10DC21



6E6367



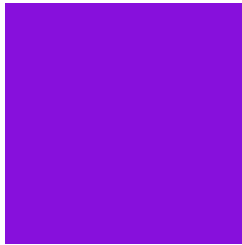
AD0048



2E0013

Previews

White Background



This preview shows how the Hex color 8710DC 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

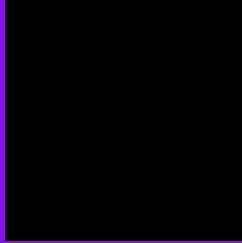
Any Text WCAG AA × Fail

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 8710DC Background



This preview shows how black text looks on a background with the Hex color 8710DC.

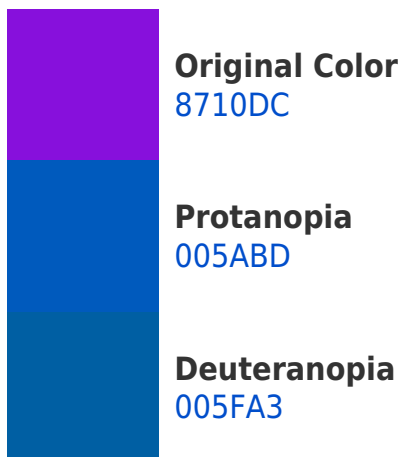



This preview shows how white text looks on a background with the Hex color 8710DC.

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





Tritanopia
6D575D

Trichromacy



Original Color
8710DC



Protanomaly
313FC8



Deuteranomaly
3142B8



Tritanomaly
763D8B

Monochromacy



Original Color
8710DC



Achromatopsia
4B4B4B



Achromatomaly
613680

CSS Examples

Text

The CSS property to change the color of the text to Hex 8710DC 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 #8710DC looks like.

```
.text, #text, p{  
    color:#8710DC  
}
```

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 #8710DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8710DC
}
```

Border

The CSS property to change the border of an element to Hex 8710DC 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".

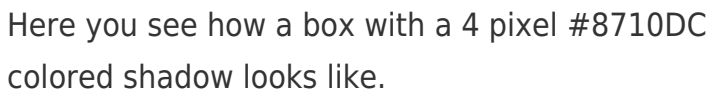
```
.border, #border, table{ border:4px solid
#8710DC }
```

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

```
.border{ border-color:#8710DC }
```

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

Here you see how a box with a 4 pixel #8710DC colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8710DC; -webkit-box-shadow:4px 4px  
4px 4px #8710DC; box-shadow:4px 4px 4px  
4px #8710DC }
```

Background

The CSS property to change the background color of an element to Hex 8710DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8710DC }
```

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

```
.background{ background-color:#8710DC }
```

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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