

Converting Colors

Hex(DB55ED)

Have a look what the booklet for
Hex(DB55ED) contains.

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Color

Hex(DB55ED)

Conversions

Conversions Part 1

Format	Color
Hex	DB55ED
RGB	219, 85, 237
RGB Percent	86%, 33%, 93%
CMY	0.1412, 0.6667, 0.0706
CMYK	0.08, 0.64, 0.00, 0.07
HSL	293°, 81%, 63%
HSV	293°, 64%, 93%
XYZ	47.7480, 27.6715, 82.9453
YIQ	142.3940, 31.0720, 75.6800

Conversions

Conversions Part 2

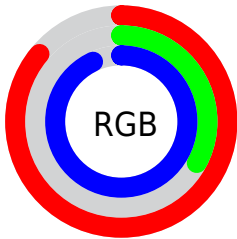
Format	Color
R_{YB}	219, 85, 237
Decimal	14374381
CIE _{Lab}	59.59, 71.65, -52.33
CIE _{LCh}	60, 88.726, 323.858
Yxy	27.6715, 0.3015, 0.1747
Android (android.graphics.Color)	4292564461 (0xFFDB55ED)
YUV	142.3940, 46.6408, 67.1835
Hunter-Lab	52.6037, 69.9666, -56.6656

Details

The Hex color **DB55ED** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **67ED55**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF8FFF**, and **A009B4** is the 20% darker color. If you saturate the color by 10%, you get **D83DED**, and if you desaturate by 10%, it is **DE6DED**.

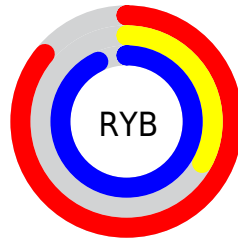
Distribution



Red (86%)

Green (33%)

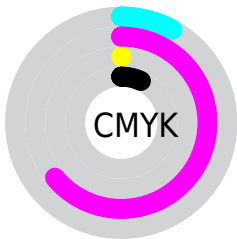
Blue (93%)



Red (86%)

Yellow (33%)

Blue (93%)

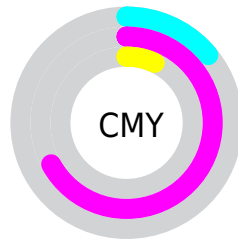


Cyan (8%)

Magenta (64%)

Yellow (0%)

Black (7%)



Cyan (14%)

Magenta (67%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB55ED 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 DB55ED by changing the saturation by 10% instead.

 DB55ED

 DB55ED

FFFFFF

 BD36D0

 FF8FFF

 A009B4

 FFACFF

 840099

 FFC9FF

 67007E

 FFE6FF

 4B0065

 32004C

 100034

 00021E

 000000

 DB55ED

 DB55ED

 D83DED

 DE6DED

 D526ED

 E184ED

 D30EED

 E39CED

 D100ED

 E6B4ED

 E9CBED

 ECE3ED

 EFFBED

 F1FFED

 F4FFED

Harmonies

Analogous

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



5982FF



DB55ED



FF1CA3

Triad

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



DB55ED



BB8700



00B1CD

Complementary

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



DB55ED



67ED55

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.



00AF7C



DB55ED



729E00

Square

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



DB55ED



F36200



00AA25



00ACFF

Rectangle

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



DB55ED



FF1C6F



00AA25



00B1B3

Sweetspot

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



DB55ED



F9CFFF



5569ED



7C6280



000000



808080

Same Dimension

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



DB55ED



E83BFF



ED55B5



746A75



A000B5



2F0036

Inverse Universe

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



ED5567



FF3B52



55ED8D



756A6B



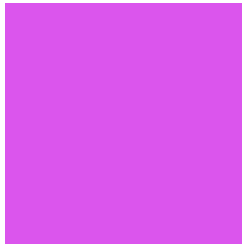
B50015



360006

Previews

White Background



This preview shows how the Hex color DB55ED 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

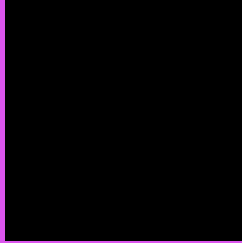
Any Text WCAG AA ✓ Pass

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 DB55ED Background



This preview shows how black text looks on a background with the Hex color DB55ED.

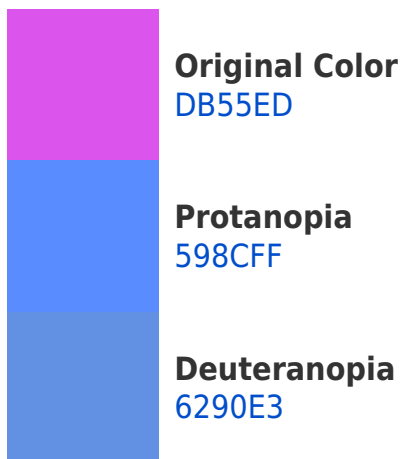


This preview shows how white text looks on a background with the Hex color DB55ED.

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](#).

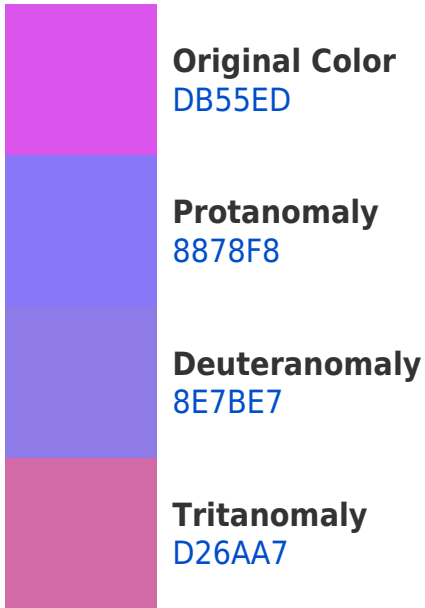
Dichromacy



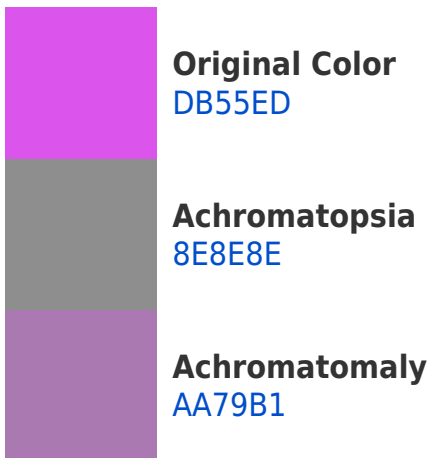


Tritanopia
CD767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB55ED 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 #DB55ED looks like.

```
.text, #text, p{  
    color:#DB55ED  
}
```

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 #DB55ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB55ED
}
```

Border

The CSS property to change the border of an element to Hex DB55ED 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
#DB55ED }
```

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

```
.border{ border-color:#DB55ED }
```

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

Here you see how a box with a 4 pixel #DB55ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB55ED; -webkit-box-shadow:4px 4px  
4px 4px #DB55ED; box-shadow:4px 4px 4px  
4px #DB55ED }
```

Background

The CSS property to change the background color of an element to Hex DB55ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB55ED }
```

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

```
.background{ background-color:#DB55ED }
```

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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