

Converting Colors

Hex(DB61E5)

Have a look what the booklet for
Hex(DB61E5) contains.

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Color

Hex(DB61E5)

Conversions

Conversions Part 1

Format	Color
Hex	DB61E5
RGB	219, 97, 229
RGB Percent	86%, 38%, 90%
CMY	0.1412, 0.6196, 0.1020
CMYK	0.04, 0.58, 0.00, 0.10
HSL	295°, 72%, 64%
HSV	295°, 58%, 90%
XYZ	47.6310, 29.2666, 77.2673
YIQ	148.5260, 30.3400, 66.9160

Conversions

Conversions Part 2

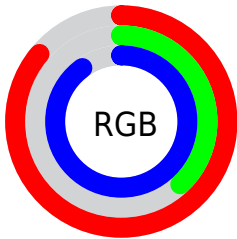
Format	Color
R _Y B	219, 97, 229
Decimal	14377445
CIE Lab	61.02, 65.18, -45.61
CIE LCh	61, 79.553, 325.021
Yxy	29.2666, 0.3090, 0.1898
Android (android.graphics.Color)	4292567525 (0xFFDB61E5)
YUV	148.5260, 39.6737, 61.8057
Hunter-Lab	54.0986, 62.4872, -46.8130

Details

The Hex color **DB61E5** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **6BE561**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FF99FF**, and **A125AD** is the 20% darker color. If you saturate the color by 10%, you get **D94AE5**, and if you desaturate by 10%, it is **DD78E5**.

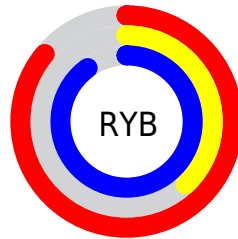
Distribution



Red (86%)

Green (38%)

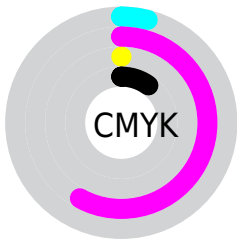
Blue (90%)



Red (86%)

Yellow (38%)

Blue (90%)

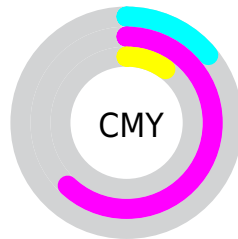


Cyan (4%)

Magenta (58%)

Yellow (0%)

Black (10%)



Cyan (14%)

Magenta (62%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB61E5 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 DB61E5 by changing the saturation by 10% instead.

 DB61E5

 DB61E5

FFFFFF

 BE44C9

 FF99FF

 A125AD

 FFB6FF

 850092

 FFD3FF

 690078

 FFF0FF

 4D005E

 350046

 16002F

 000119

 000000

 DB61E5

 DB61E5

 D94AE5

 DD78E5

 D833E5

 DE8FE5

 D61CE5

 E0A6E5

 D405E5

 E2BDE5

 D400E5

 E4D4E5

 E5EAE5

 E7FFE5

 E9FFE5

 EBFFE5

Harmonies

Analogous

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



7386FF



DB61E5



FF41A2

Triad

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



DB61E5



BB8C00



00B2CD

Complementary

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



DB61E5



6BE561

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.



00B185



DB61E5



78A100

Square

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



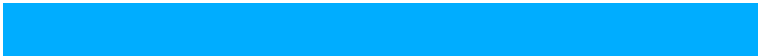
DB61E5



EE6D15



00AC3B



00ADFF

Rectangle

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



DB61E5



FF4173



00AC3B



00B2B6

Sweetspot

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



DB61E5



FCD4FF



616CE5



7E6680



000000



808080

Same Dimension

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



DB61E5



F24FFF



E561AE



726773



A500B3



2F0033

Inverse Universe

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



E5616B



FF4F5C



61E598



736768



B3000E



330004

Previews

White Background



This preview shows how the Hex color DB61E5 looks on a white background.

Color Contrast Check

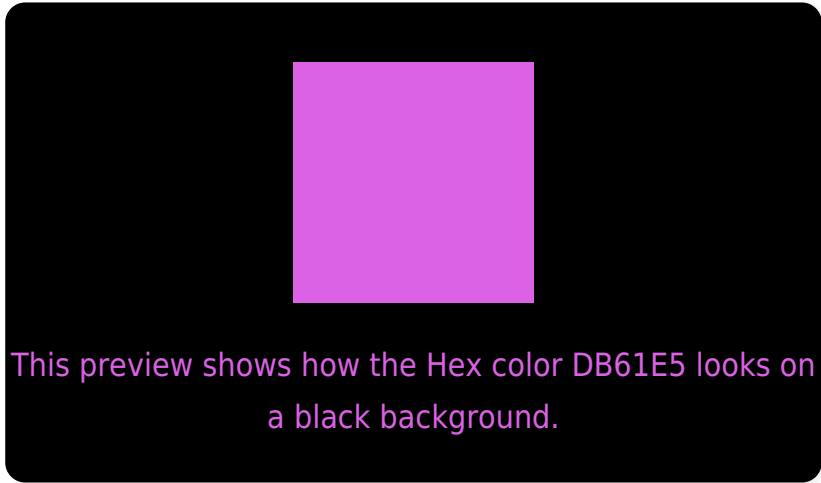
Large Text (above 18pt) WCAG AA ✓ Pass

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

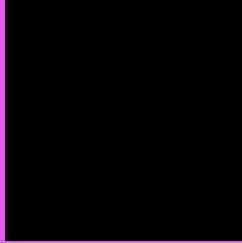
Any Text WCAG AA ✓ Pass

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 DB61E5 Background



This preview shows how black text looks on a background with the Hex color DB61E5.

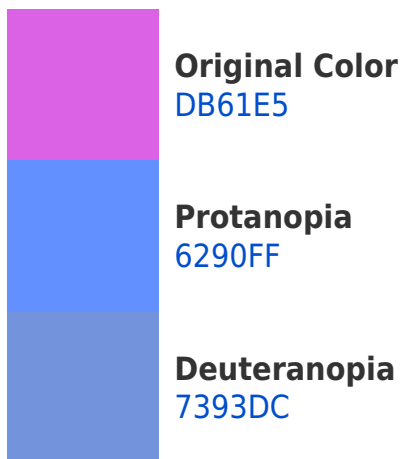


This preview shows how white text looks on a background with the Hex color DB61E5.

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
CF7B84

Trichromacy



Original Color
DB61E5



Protanomaly
8E7FF6



Deuteranomaly
9981DF



Tritanomaly
D372A7

Monochromacy



Original Color
DB61E5



Achromatopsia
959595



Achromatomaly
AE82B2

CSS Examples

Text

The CSS property to change the color of the text to Hex DB61E5 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 #DB61E5 looks like.

```
.text, #text, p{  
    color:#DB61E5  
}
```

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 #DB61E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB61E5
}
```

Border

The CSS property to change the border of an element to Hex DB61E5 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
#DB61E5 }
```

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

```
.border{ border-color:#DB61E5 }
```

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

Here you see how a box with a 4 pixel #DB61E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB61E5; -webkit-box-shadow:4px 4px  
4px 4px #DB61E5; box-shadow:4px 4px 4px  
4px #DB61E5 }
```

Background

The CSS property to change the background color of an element to Hex DB61E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB61E5 }
```

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

```
.background{ background-color:#DB61E5 }
```

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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