

Converting Colors

Hex(DA13EC)

Have a look what the booklet for
Hex(DA13EC) contains.

Hex(DA13EC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DA13EC)

Conversions

Conversions Part 1

Format	Color
Hex	DA13EC
RGB	218, 19, 236
RGB Percent	85%, 7%, 93%
CMY	0.1451, 0.9255, 0.0745
CMYK	0.08, 0.92, 0.00, 0.07
HSL	295°, 85%, 50%
HSV	295°, 92%, 93%
XYZ	44.2866, 21.4273, 81.1586
YIQ	103.2390, 48.9470, 109.6750

Conversions

Conversions Part 2

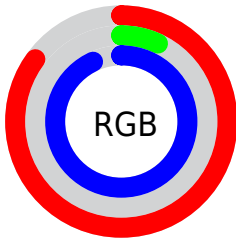
Format	Color
RYB	218, 19, 236
Decimal	14291948
CIELab	53.41, 88.43, -61.66
CIELCh	53, 107.803, 325.113
Yxy	21.4273, 0.3015, 0.1459
Android (android.graphics.Color)	4292482028 (0xFFDA13EC)
YUV	103.2390, 65.4512, 100.6454
Hunter-Lab	46.2896, 89.7693, -71.5491

Details

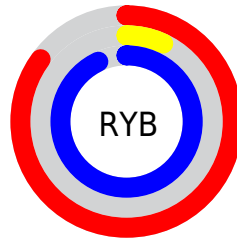
The Hex color **DA13EC** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **25EC13**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF66FF**, and **9E00B3** is the 20% darker color. If you saturate the color by 10%, you get **D800EC**, and if you desaturate by 10%, it is **DC2BEC**.

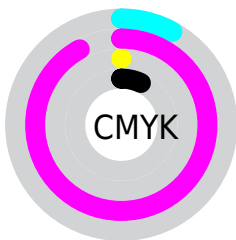
Distribution



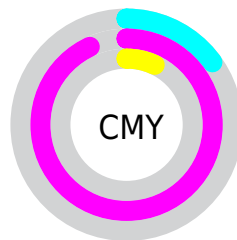
- Red (85%)
- Green (7%)
- Blue (93%)



- Red (85%)
- Yellow (7%)
- Blue (93%)



- Cyan (8%)
- Magenta (92%)
- Yellow (0%)
- Black (7%)



- Cyan (15%)
- Magenta (93%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA13EC 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 DA13EC by changing the saturation by 10% instead.

 DA13EC

 DA13EC

FFFFFF

 BC00CF

 FF66FF

 9E00B3

 FF85FF

 800098

 FFA3FF

 63007D

 FFC2FF

 460063

 FFE0FF

 28004A

 000032

 00021C

 000000

■ DA13EC

■ DA13EC

■ D800EC

■ DC2BEC

■ DE42EC

■ E05AEC

■ E271EC

■ E489EC

■ E6A1EC

■ E8B8EC

■ EAD0EC

■ ECE7EC

Harmonies

Analogous

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



006FFF



DA13EC



FF0093

Triad

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



DA13EC



A87700



00A3CD

Complementary

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



DA13EC



25EC13

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.



00A16D



DA13EC



4C9100

Square

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



DA13EC



EB4300



009C00



00A1FF

Rectangle

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



DA13EC



FF0057



009C00



00A3AE

Sweetspot

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



DA13EC



F9B8FF



1325EC



7C5480



000000



808080

Same Dimension

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



DA13EC



EA00FF



EC1392



746A75



A600B5



310036

Inverse Universe

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



EC1325



FF0015



13EC6D



756A6B



B5000F



360004

Previews

White Background



This preview shows how the Hex color DA13EC looks on a white background.

Color Contrast Check

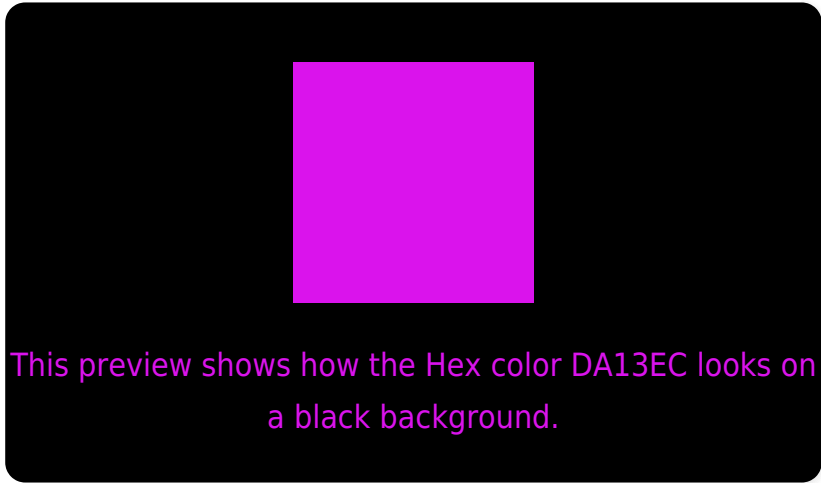
Large Text (above 18pt) WCAG AA ✓ Pass

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

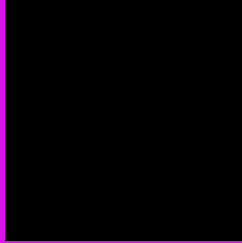
Any Text WCAG AA ✓ Pass

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 DA13EC Background



This preview shows how black text looks on a background with the Hex color DA13EC.

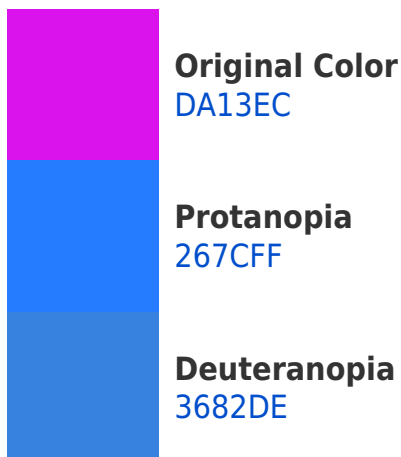


This preview shows how white text looks on a background with the Hex color DA13EC.

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
DA13EC



Protanomaly
6756F8



Deuteranomaly
725AE3



Tritanomaly
D04395

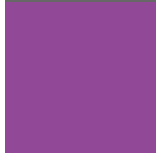
Monochromacy



Original Color
DA13EC



Achromatopsia
676767



Achromatomaly
914897

CSS Examples

Text

The CSS property to change the color of the text to Hex DA13EC 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 #DA13EC looks like.

```
.text, #text, p{  
    color:#DA13EC  
}
```

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 #DA13EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA13EC
}
```

Border

The CSS property to change the border of an element to Hex DA13EC 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
#DA13EC }
```

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

```
.border{ border-color:#DA13EC }
```

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

Here you see how a box with a 4 pixel #DA13EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA13EC; -webkit-box-shadow:4px 4px  
4px 4px #DA13EC; box-shadow:4px 4px 4px  
4px #DA13EC }
```

Background

The CSS property to change the background color of an element to Hex DA13EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA13EC }
```

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

```
.background{ background-color:#DA13EC }
```

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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