

Converting Colors

Hex(E031D8)

Have a look what the booklet for
Hex(E031D8) contains.

Hex(E031D8)	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(E031D8)

Conversions

Conversions Part 1

Format	Color
Hex	E031D8
RGB	224, 49, 216
RGB Percent	88%, 19%, 85%
CMY	0.1216, 0.8078, 0.1529
CMYK	0.00, 0.78, 0.04, 0.12
HSL	303°, 74%, 54%
HSV	303°, 78%, 88%
XYZ	44.2335, 23.0018, 67.0742
YIQ	120.3630, 50.6930, 89.0370

Conversions

Conversions Part 2

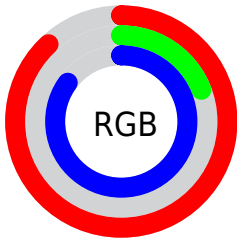
Format	Color
R _{YB}	224, 49, 216
Decimal	14692824
CIE _{Lab}	55.07, 81.12, -47.63
CIE _{LCh}	55, 94.070, 329.578
Y _{xy}	23.0018, 0.3293, 0.1713
Android (android.graphics.Color)	4292882904 (0xFFE031D8)
YUV	120.3630, 47.1490, 90.8896
Hunter-Lab	47.9602, 80.6994, -49.3472

Details

The Hex color **E031D8** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **31E039**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF74FF**, and **A400A0** is the 20% darker color. If you saturate the color by 10%, you get **E01BD7**, and if you desaturate by 10%, it is **E047D9**.

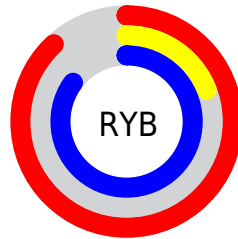
Distribution



Red (88%)

Green (19%)

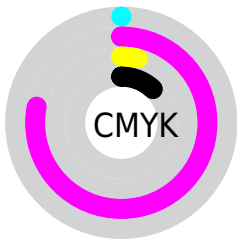
Blue (85%)



Red (88%)

Yellow (19%)

Blue (85%)

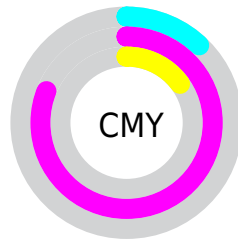


Cyan (0%)

Magenta (78%)

Yellow (4%)

Black (12%)



Cyan (12%)

Magenta (81%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color E031D8 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 E031D8 by changing the saturation by 10% instead.

 E031D8

 E031D8

FFFFFF

 C200BC

 FF74FF

 A400A0

 FF92FF

 870086

 FFAFFF

 6A006C

 FFCDFD

 4E0053

 FFECFF

 33003B

 100024

 00000B

 000000

 E031D8

 E031D8

 E01BD7

 E047D9

 E004D6

 E05EDA

 E000D6

 E074DB

 E08BDC

 E0A1DD

 E0B7DE

 E0CEDF

 E0E4E0

 E0FBE1

Harmonies

Analogous

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



6C6EFF



E031D8



FF0089

Triad

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



E031D8



A28100



00A5D3

Complementary

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



E031D8



31E039

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.



00A480



E031D8



4D9500

Square

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



E031D8



DF5B00



00A025



00A0FF

Rectangle

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



E031D8



FF0054



00A025



00A5B9

Sweetspot

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



E031D8



FFC4FC



3731E0



805C7E



000000



808080

Same Dimension

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



E031D8



FF0FF4



E03183



706570



B000A8



30002E

Inverse Universe

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



E031D8



FF0FF4



31E08E



706570



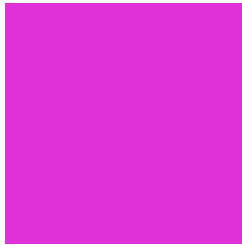
B000A8



30002E

Previews

White Background



This preview shows how the Hex color E031D8 looks on a white background.

Color Contrast Check

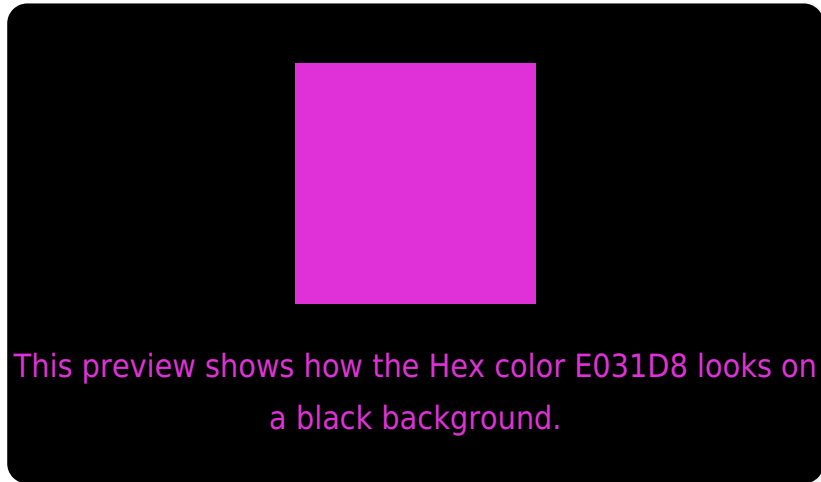
Large Text (above 18pt) WCAG AA ✓ Pass

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

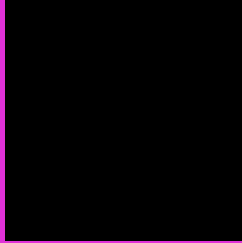
Any Text WCAG AA ✓ Pass

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 E031D8 Background



This preview shows how black text looks on a background with the Hex color E031D8.

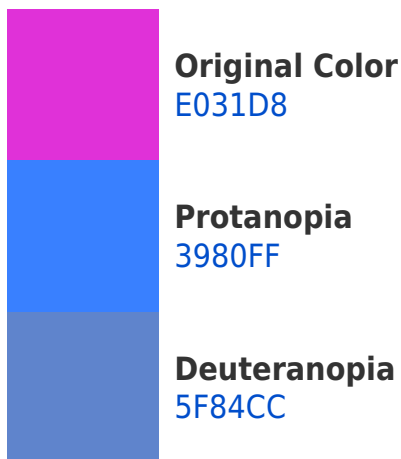


This preview shows how white text looks on a background with the Hex color E031D8.

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



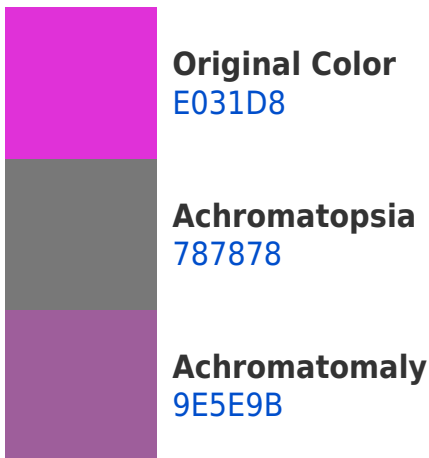


Tritanopia
D45E64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E031D8 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 #E031D8 looks like.

```
.text, #text, p{  
    color:#E031D8  
}
```

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 #E031D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E031D8
}
```

Border

The CSS property to change the border of an element to Hex E031D8 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
#E031D8 }
```

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

```
.border{ border-color:#E031D8 }
```

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

Here you see how a box with a 4 pixel #E031D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E031D8; -webkit-box-shadow:4px 4px  
4px 4px #E031D8; box-shadow:4px 4px 4px  
4px #E031D8 }
```

Background

The CSS property to change the background color of an element to Hex E031D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E031D8 }
```

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

```
.background{ background-color:#E031D8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor