

Converting Colors

Hex(E31CAB)

Have a look what the booklet for
Hex(E31CAB) contains.

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Color

Hex(E31CAB)

Conversions

Conversions Part 1

Format	Color
Hex	E31CAB
RGB	227, 28, 171
RGB Percent	89%, 11%, 67%
CMY	0.1098, 0.8902, 0.3294
CMYK	0.00, 0.88, 0.25, 0.11
HSL	317°, 78%, 50%
HSV	317°, 88%, 89%
XYZ	39.4445, 20.1017, 40.3291
YIQ	103.8030, 72.7010, 86.6610

Conversions

Conversions Part 2

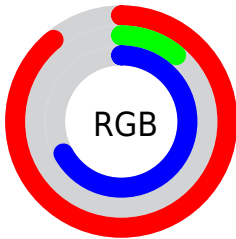
Format	Color
R_{YB}	227, 28, 171
Decimal	14884011
CIE _{Lab}	51.95, 80.06, -26.47
CIE _{LCh}	52, 84.319, 341.702
Yxy	20.1017, 0.3949, 0.2013
Android (android.graphics.Color)	4293074091 (0xFFE31CAB)
YUV	103.8030, 33.1281, 108.0438
Hunter-Lab	44.8349, 78.5783, -21.9471

Details

The Hex color **E31CAB** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **1CE354**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF67E3**, and **A70076** is the 20% darker color. If you saturate the color by 10%, you get **E305A5**, and if you desaturate by 10%, it is **E333B1**.

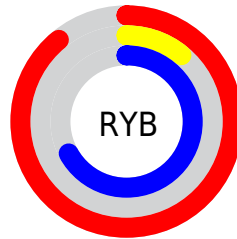
Distribution



Red (89%)

Green (11%)

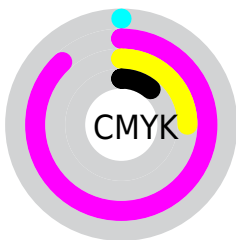
Blue (67%)



Red (89%)

Yellow (11%)

Blue (67%)

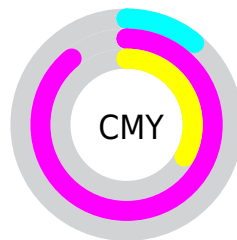


Cyan (0%)

Magenta (88%)

Yellow (25%)

Black (11%)



Cyan (11%)

Magenta (89%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color E31CAB 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 E31CAB by changing the saturation by 10% instead.

 E31CAB

 E31CAB

FFFFFF

 C50090

 FF67E3

 A70076

 FF86FF

 89005D

 FFA4FF

 6C0046

 FFC2FF

 50002F

 FFE0FF

 320019

 060000

 000000

 E31CAB

 E31CAB

 E305A5

 E333B1

 E300A3

 E349B8

 E360BE

 E377C5

 E38ECB

 E3A4D1

 E3BBD8

 E3D2DE

 E3E8E4

Harmonies

Analogous

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



9E58E9



E31CAB



F70063

Triad

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



E31CAB



7D8200



0099DC

Complementary

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



E31CAB



1CE354

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.



009A97



E31CAB



159000

Square

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



E31CAB



BA6800



00974B



0091FF

Rectangle

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



E31CAB



EF2935



00974B



009AC7

Sweetspot

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



E31CAB



FFBDEC



511CE3



805874



000000



808080

Same Dimension

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



E31CAB



FF00B7



E31C4A



736770



B30080



330025

Inverse Universe

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



E31CAB



FF00B7



1CE3B5



736770



B30080



330025

Previews

White Background



This preview shows how the Hex color E31CAB 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 E31CAB Background



This preview shows how black text looks on a background with the Hex color E31CAB.

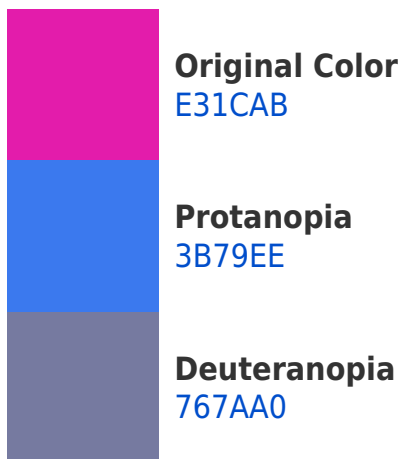


This preview shows how white text looks on a background with the Hex color E31CAB.

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
E31CAB



Protanomaly
7857D6



Deuteranomaly
9E58A4



Tritanomaly
DF376E

Monochromacy



Original Color
E31CAB



Achromatopsia
686868



Achromatomaly
954C80

CSS Examples

Text

The CSS property to change the color of the text to Hex E31CAB 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 #E31CAB looks like.

```
.text, #text, p{  
    color:#E31CAB  
}
```

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 #E31CAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E31CAB
}
```

Border

The CSS property to change the border of an element to Hex E31CAB 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
#E31CAB }
```

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

```
.border{ border-color:#E31CAB }
```

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

Here you see how a box with a 4 pixel #E31CAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E31CAB; -webkit-box-shadow:4px 4px  
4px 4px #E31CAB; box-shadow:4px 4px 4px  
4px #E31CAB }
```

Background

The CSS property to change the background color of an element to Hex E31CAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E31CAB }
```

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

```
.background{ background-color:#E31CAB }
```

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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