

Converting Colors

Hex(E51AC8)

Have a look what the booklet for
Hex(E51AC8) contains.

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Color

Hex(E51AC8)

Conversions

Conversions Part 1

Format	Color
Hex	E51AC8
RGB	229, 26, 200
RGB Percent	90%, 10%, 78%
CMY	0.1020, 0.8980, 0.2157
CMYK	0.00, 0.89, 0.13, 0.10
HSL	309°, 80%, 50%
HSV	309°, 89%, 90%
XYZ	43.1078, 21.5669, 56.5344
YIQ	106.5330, 65.1340, 97.1500

Conversions

Conversions Part 2

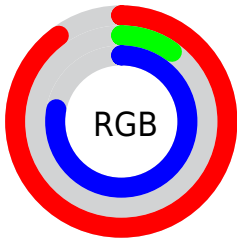
Format	Color
R _{YB}	229, 26, 200
Decimal	15014600
CIE Lab	53.56, 84.31, -40.81
CIE LCh	54, 93.668, 334.171
Yxy	21.5669, 0.3556, 0.1779
Android (android.graphics.Color)	4293204680 (0xFFE51AC8)
YUV	106.5330, 46.0792, 107.4036
Hunter-Lab	46.4402, 84.4211, -39.6690

Details

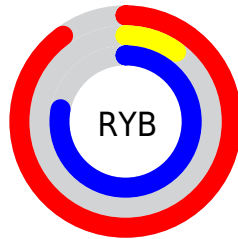
The Hex color **E51AC8** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **1AE537**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF68FF**, and **A90091** is the 20% darker color. If you saturate the color by 10%, you get **E503C5**, and if you desaturate by 10%, it is **E531CB**.

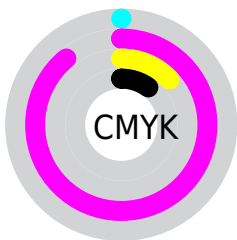
Distribution



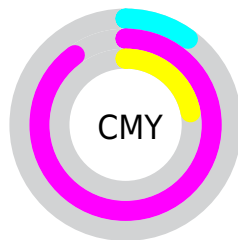
- Red (90%)
- Green (10%)
- Blue (78%)



- Red (90%)
- Yellow (10%)
- Blue (78%)



- Cyan (0%)
- Magenta (89%)
- Yellow (13%)
- Black (10%)



- Cyan (10%)
- Magenta (90%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color E51AC8 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 E51AC8 by changing the saturation by 10% instead.

 E51AC8

 E51AC8

FFFFFF

 C700AC

 FF68FF

 A90091

 FF87FF

 8B0077

 FFA6FF

 6E005E

 FFC4FF

 520046

 FFE2FF

 35002F

 130018

 000000

 E51AC8

 E51AC8

 E503C5

 E531CB

 E500C4

 E548CF

 E55FD2

 E576D5

 E58CD8

 E5A3DC

 E5BADF

 E5D1E2

 E5E8E5

Harmonies

Analogous

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



8263FF



E51AC8



FF0079

Triad

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



E51AC8



928100



00A0DA

Complementary

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



E51AC8



1AE537

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.



00A08A



E51AC8



359300

Square

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



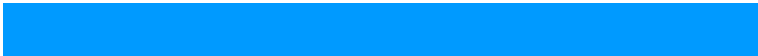
E51AC8



D15F00



009C32



009AFF

Rectangle

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



E51AC8



FF0044



009C32



00A1C1

Sweetspot

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



E51AC8



FFBAF5



351AE5



80577A



000000



808080

Same Dimension

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



E51AC8



FF00DB



E51A64



736771



B30099



33002C

Inverse Universe

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



E51AC8



FF00DB



1AE59B



736771



B30099



33002C

Previews

White Background



This preview shows how the Hex color E51AC8 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 E51AC8 Background



This preview shows how black text looks on a background with the Hex color E51AC8.



This preview shows how white text looks on a background with the Hex color E51AC8.

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](#).

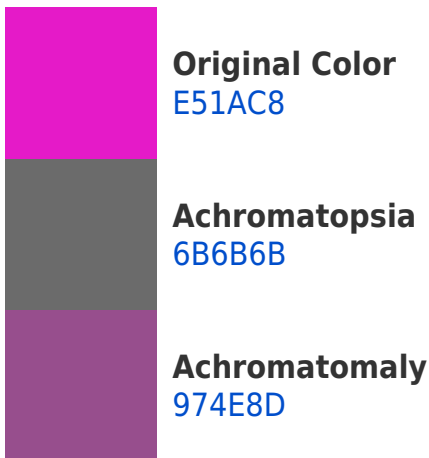
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E51AC8 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 #E51AC8 looks like.

```
.text, #text, p{  
    color:#E51AC8  
}
```

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 #E51AC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E51AC8
}
```

Border

The CSS property to change the border of an element to Hex E51AC8 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
#E51AC8 }
```

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

```
.border{ border-color:#E51AC8 }
```

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

Here you see how a box with a 4 pixel #E51AC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E51AC8; -webkit-box-shadow:4px 4px  
4px 4px #E51AC8; box-shadow:4px 4px 4px  
4px #E51AC8 }
```

Background

The CSS property to change the background color of an element to Hex E51AC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E51AC8 }
```

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

```
.background{ background-color:#E51AC8 }
```

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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