

Converting Colors

Hex(E33087)

Have a look what the booklet for
Hex(E33087) contains.

Hex(E33087)	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(E33087)

Conversions

Conversions Part 1

Format	Color
Hex	E33087
RGB	227, 48, 135
RGB Percent	89%, 19%, 53%
CMY	0.1098, 0.8118, 0.4706
CMYK	0.00, 0.79, 0.41, 0.11
HSL	331°, 76%, 54%
HSV	331°, 79%, 89%
XYZ	37.1087, 20.1941, 24.8637
YIQ	111.4390, 78.7570, 65.0050

Conversions

Conversions Part 2

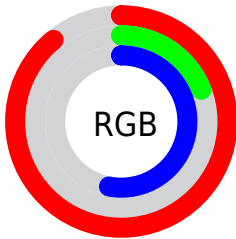
Format	Color
R_{YB}	227, 48, 135
Decimal	14889095
CIE _{Lab}	52.06, 72.10, -4.91
CIE _{LCh}	52, 72.262, 356.106
Yxy	20.1941, 0.4516, 0.2458
Android (android.graphics.Color)	4293079175 (0xFFE33087)
YUV	111.4390, 11.6156, 101.3470
Hunter-Lab	44.9378, 68.7603, -1.3481

Details

The Hex color **E33087** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **30E38C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF70BC**, and **A60056** is the 20% darker color. If you saturate the color by 10%, you get **E3197B**, and if you desaturate by 10%, it is **E34793**.

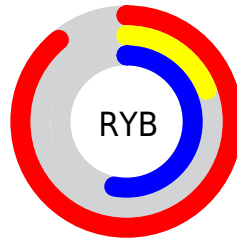
Distribution



Red (89%)

Green (19%)

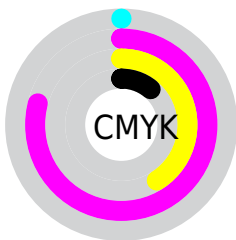
Blue (53%)



Red (89%)

Yellow (19%)

Blue (53%)

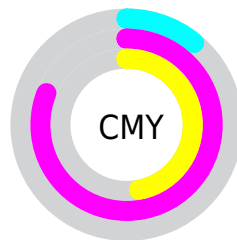


Cyan (0%)

Magenta (79%)

Yellow (41%)

Black (11%)



Cyan (11%)

Magenta (81%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color E33087 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 E33087 by changing the saturation by 10% instead.

 E33087

 E33087

FFFFFF

 C4006E

 FF70BC

 A60056

 FF8ED8

 88003E

 FFABF4

 6A0029

 FFC9FF

 4E0014

 FFE7FF

 300002

 000000

 E33087

 E33087

 E3197B

 E34793

 E30370

 E35D9E

 E3006E

 E374AA

 E38BB6

 E3A1C1

 E3B8CD

 E3CFD9

 E3E6E4

 E3FCF0

Harmonies

Analogous

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



BD4EC2



E33087



E53B4A

Triad

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



E33087



618800



0093E3

Complementary

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



E33087



30E38C

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.



0097B1



E33087



009230

Square

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



E33087



9D7700



009672



0087F9

Rectangle

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



E33087



D65122



009672



0095D5

Sweetspot

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



E33087



FFC2E0



8930E3



805B6C



000000



808080

Same Dimension

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



E33087



FF0D82



E33030



73676D



B30057



330019

Inverse Universe

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



E33087



FF0D82



30E3E3



73676D



B30057



330019

Previews

White Background



This preview shows how the Hex color E33087 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 E33087 Background



This preview shows how black text looks on a background with the Hex color E33087.



This preview shows how white text looks on a background with the Hex color E33087.

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



Original Color
E33087

Protanopia
697BB6

Deuteranopia
88797E

Trichromacy



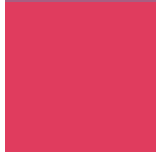
Original Color
E33087



Protanomaly
9560A5



Deuteranomaly
A95E81

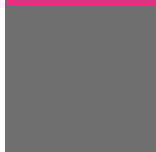


Tritanomaly
E03C5E

Monochromacy



Original Color
E33087



Achromatopsia
6F6F6F



Achromatomaly
995878

CSS Examples

Text

The CSS property to change the color of the text to Hex E33087 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 #E33087 looks like.

```
.text, #text, p{  
    color:#E33087  
}
```

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 #E33087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E33087
}
```

Border

The CSS property to change the border of an element to Hex E33087 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
#E33087 }
```

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

```
.border{ border-color:#E33087 }
```

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

Here you see how a box with a 4 pixel #E33087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E33087; -webkit-box-shadow:4px 4px  
4px 4px #E33087; box-shadow:4px 4px 4px  
4px #E33087 }
```

Background

The CSS property to change the background color of an element to Hex E33087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E33087 }
```

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

```
.background{ background-color:#E33087 }
```

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