

Converting Colors

Hex(E53398)

Have a look what the booklet for
Hex(E53398) contains.

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Color

Hex(E53398)

Conversions

Conversions Part 1

Format	Color
Hex	E53398
RGB	229, 51, 152
RGB Percent	90%, 20%, 60%
CMY	0.1020, 0.8000, 0.4039
CMYK	0.00, 0.78, 0.34, 0.10
HSL	326°, 77%, 55%
HSV	326°, 78%, 90%
XYZ	39.1644, 21.2927, 31.7515
YIQ	115.7360, 73.6670, 69.1470

Conversions

Conversions Part 2

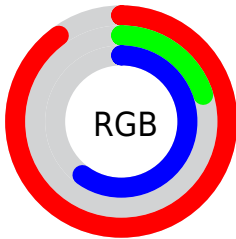
Format	Color
R _Y B	229, 51, 152
Decimal	15020952
CIE Lab	53.27, 73.50, -13.20
CIE LCh	53, 74.672, 349.819
Yxy	21.2927, 0.4247, 0.2309
Android (android.graphics.Color)	4293211032 (0xFFE53398)
YUV	115.7360, 17.8782, 99.3325
Hunter-Lab	46.1440, 70.7488, -8.4964

Details

The Hex color **E53398** 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 **33E580**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF73CE**, and **A80065** is the 20% darker color. If you saturate the color by 10%, you get **E51C8E**, and if you desaturate by 10%, it is **E54AA2**.

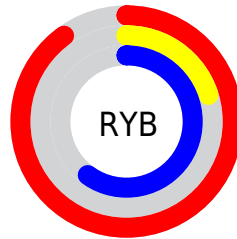
Distribution



Red (90%)

Green (20%)

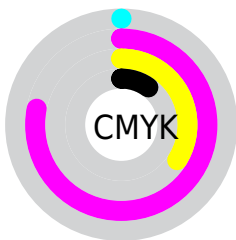
Blue (60%)



Red (90%)

Yellow (20%)

Blue (60%)

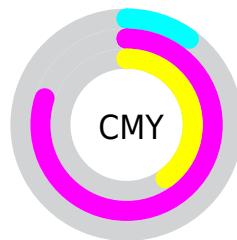


Cyan (0%)

Magenta (78%)

Yellow (34%)

Black (10%)



Cyan (10%)

Magenta (80%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color E53398 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 E53398 by changing the saturation by 10% instead.

 E53398

 E53398

FFFFFF

 C7007E

 FF73CE

 A80065

 FF91EB

 8B004D

 FFAEFF

 6D0036

 FFCCFF

 510021

 FFEAFF

 350006

 040000

 000000

 E53398

 E53398

 E51C8E

 E54AA2

 E50584

 E561AC

 E50082

 E578B6

 E58FC0

 E5A6CA

 E5BCD3

 E5D3DD

 E5EAE7

 E5FFF1

Harmonies

Analogous

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



B557D3



E53398



EE3458

Triad

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



E53398



728900



0098E1

Complementary

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



E53398



33E580

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.



009BA9



E53398



009420

Square

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



E53398



AC7500



009A66



008EFF

Rectangle

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



E53398



E24A2F



009A66



009AD1

Sweetspot

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



E53398



FFC4E6



7D33E5



805C70



000000



808080

Same Dimension

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



E53398



FF1298



E53342



73676E



B30065



33001D

Inverse Universe

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



E53398



FF1298



33E5D6



73676E



B30065



33001D

Previews

White Background



This preview shows how the Hex color E53398 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 E53398 Background



This preview shows how black text looks on a background with the Hex color E53398.



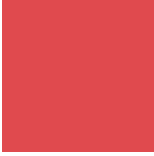
This preview shows how white text looks on a background with the Hex color E53398.

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
E04A4E

Trichromacy



Original Color
E53398



Protanomaly
9262B8



Deuteranomaly
A86192

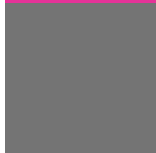


Tritanomaly
E24269

Monochromacy



Original Color
E53398



Achromatopsia
747474



Achromatomaly
9D5C81

CSS Examples

Text

The CSS property to change the color of the text to Hex E53398 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 #E53398 looks like.

```
.text, #text, p{  
    color:#E53398  
}
```

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 #E53398 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E53398
}
```

Border

The CSS property to change the border of an element to Hex E53398 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
#E53398 }
```

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

```
.border{ border-color:#E53398 }
```

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

Here you see how a box with a 4 pixel #E53398 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E53398; -webkit-box-shadow:4px 4px  
4px 4px #E53398; box-shadow:4px 4px 4px  
4px #E53398 }
```

Background

The CSS property to change the background color of an element to Hex E53398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E53398 }
```

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

```
.background{ background-color:#E53398 }
```

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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