

Converting Colors

Hex(EB53A6)

Have a look what the booklet for
Hex(EB53A6) contains.

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Color

Hex(EB53A6)

Conversions

Conversions Part 1

Format	Color
Hex	EB53A6
RGB	235, 83, 166
RGB Percent	92%, 33%, 65%
CMY	0.0784, 0.6745, 0.3490
CMYK	0.00, 0.65, 0.29, 0.08
HSL	327°, 79%, 62%
HSV	327°, 65%, 92%
XYZ	44.2371, 26.6019, 38.8795
YIQ	137.9100, 63.9490, 58.0370

Conversions

Conversions Part 2

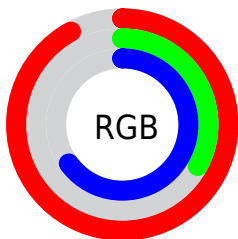
Format	Color
R _Y B	235, 83, 166
Decimal	15422374
CIE Lab	58.60, 65.91, -13.26
CIE LCh	59, 67.235, 348.624
Yxy	26.6019, 0.4032, 0.2425
Android (android.graphics.Color)	4293612454 (0xFFEB53A6)
YUV	137.9100, 13.8484, 85.1479
Hunter-Lab	51.5770, 62.8382, -8.5898

Details

The Hex color **EB53A6** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **53EB98**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF8DDD**, and **AF0472** is the 20% darker color. If you saturate the color by 10%, you get **EB3C9B**, and if you desaturate by 10%, it is **EB6BB1**.

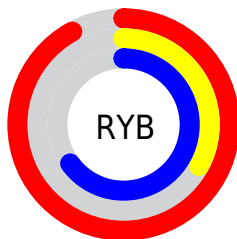
Distribution



Red (92%)

Green (33%)

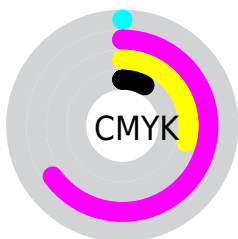
Blue (65%)



Red (92%)

Yellow (33%)

Blue (65%)

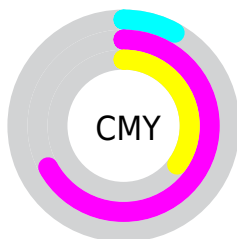


Cyan (0%)

Magenta (65%)

Yellow (29%)

Black (8%)



Cyan (8%)

Magenta (67%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB53A6 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 EB53A6 by changing the saturation by 10% instead.

 EB53A6

 EB53A6

FFFFFF

 CD348C

 FF8DDD

 AF0472

 FFAAFA

 92005A

 FFC7FF

 750042

 FFE4FF

 59002C

 3F0018

 1E0001

 000000

 EB53A6

 EB53A6

 EB3C9B

 EB6BB1

 EB2491

 EB82BB

 EB0D86

 EB9AC6

 EB0080

 EBB1D1

 EBC9DB

 EBE0E6

 EBF8F1

 EBFFFB

 EBFFFF

Harmonies

Analogous

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



BD6CDC



EB53A6



F5526B

Triad

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



EB53A6



869500



00A5E5

Complementary

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



EB53A6



53EB98

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.



00A8B1



EB53A6



3AA138

Square

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



EB53A6



BB8200



00A774



009AFF

Rectangle

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



EB53A6



EC6046



00A774



00A6D5

Sweetspot

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



EB53A6



FFCFE9



9753EB



806272



000000



808080

Same Dimension

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



EB53A6



FF38A5



EB535B



756A70



B50063



36001D

Inverse Universe

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



EB53A6



FF38A5



53EBE3



756A70



B50063



36001D

Previews

White Background



This preview shows how the Hex color EB53A6 looks on a white background.

Color Contrast Check

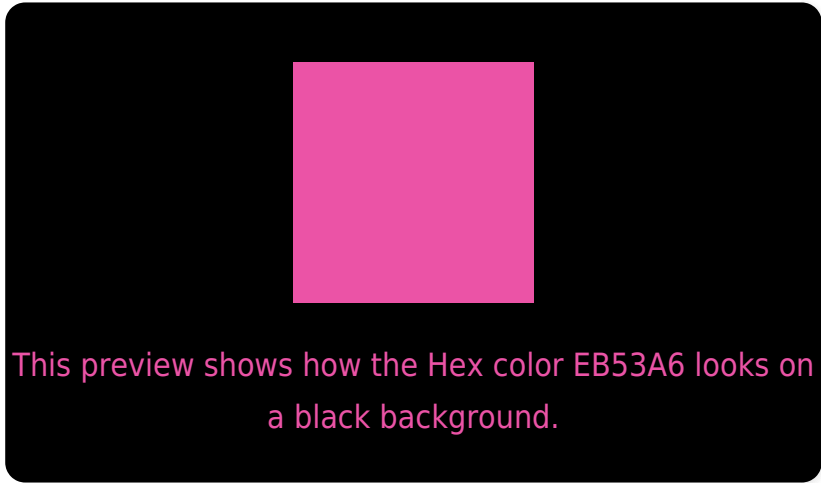
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB53A6 Background



This preview shows how black text looks on a background with the Hex color EB53A6.



This preview shows how white text looks on a background with the Hex color EB53A6.

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
E66268

Trichromacy



Original Color
EB53A6



Protanomaly
A277BF



Deuteranomaly
B376A1

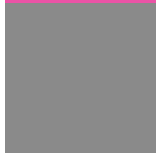


Tritanomaly
E85D7F

Monochromacy



Original Color
EB53A6



Achromatopsia
8A8A8A



Achromatomaly
AD7694

CSS Examples

Text

The CSS property to change the color of the text to Hex EB53A6 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 #EB53A6 looks like.

```
.text, #text, p{  
    color:#EB53A6  
}
```

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 #EB53A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB53A6
}
```

Border

The CSS property to change the border of an element to Hex EB53A6 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
#EB53A6 }
```

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

```
.border{ border-color:#EB53A6 }
```

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

Here you see how a box with a 4 pixel #EB53A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB53A6; -webkit-box-shadow:4px 4px  
4px 4px #EB53A6; box-shadow:4px 4px 4px  
4px #EB53A6 }
```

Background

The CSS property to change the background color of an element to Hex EB53A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB53A6 }
```

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

```
.background{ background-color:#EB53A6 }
```

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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