

Converting Colors

Hex(C45EA3)

Have a look what the booklet for
Hex(C45EA3) contains.

| | |
|--|----|
| Hex(C45EA3) | 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(C45EA3)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C45EA3 |
| RGB | 196, 94, 163 |
| RGB Percent | 77%, 37%, 64% |
| CMY | 0.2314, 0.6314, 0.3608 |
| CMYK | 0.00, 0.52, 0.17, 0.23 |
| HSL | 319°, 46%, 57% |
| HSV | 319°, 52%, 77% |
| XYZ | 33.3785, 22.3855, 37.2119 |
| YIQ | 132.3640, 38.6430, 43.0830 |

Conversions

Conversions Part 2

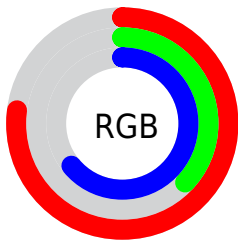
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 196, 94, 163 |
| Decimal | 12869283 |
| CIE _{Lab} | 54.43, 49.17, -18.39 |
| CIE _{LCh} | 54, 52.495, 339.489 |
| Yxy | 22.3855, 0.3590, 0.2408 |
| Android (android.graphics.Color) | 4291059363 (0xFFC45EA3) |
| YUV | 132.3640, 15.1035, 55.8088 |
| Hunter-Lab | 47.3133, 43.1295, -13.5122 |

Details

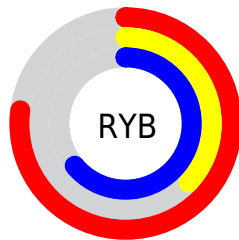
The Hex color **C45EA3** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **5EC47F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF94DA**, and **8C286F** is the 20% darker color. If you saturate the color by 10%, you get **C44A9D**, and if you desaturate by 10%, it is **C472A9**.

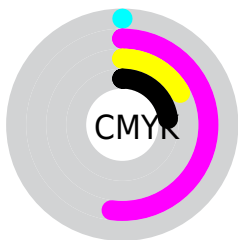
Distribution



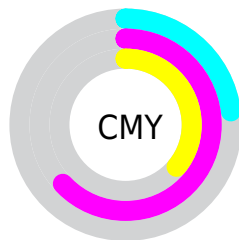
- Red (77%)
- Green (37%)
- Blue (64%)



- Red (77%)
- Yellow (37%)
- Blue (64%)



- Cyan (0%)
- Magenta (52%)
- Yellow (17%)
- Black (23%)



- Cyan (23%)
- Magenta (63%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color C45EA3 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 C45EA3 by changing the saturation by 10% instead.

 C45EA3

 C45EA3

FFFFFF

 A84389

 FF94DA

 8C286F

 FFB0F7

 700457

 FFCCFF

 56003F

 FFE9FF

 3C0029

 230014

 000000

 C45EA3

 C45EA3

 C44A9D

 C472A9

 C43796

 C485B0

 C42390

 C499B6

 C4108A

 C4ACBC

 C40085

 C4C0C3

 C4D4C9

 C4E7CF

 C4FBD6

 C4FFDC

Harmonies

Analogous

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



9770C9



C45EA3



D55876

Triad

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



C45EA3



8D851F



0096BB

Complementary

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



C45EA3



5EC47F

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.



009890



C45EA3



5C9038

Square

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



C45EA3



B3742A



009661



0090D7

Rectangle

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



C45EA3



D25E58



009661



0097AE

Sweetspot

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



C45EA3



FFD6F2



7E5EC4



806778



000000



808080

Same Dimension

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



C45EA3



FF61CC



C45E71



61575E



A1006D



210016

Inverse Universe

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



C45EA3



FF61CC



5EC4B1



61575E



A1006D



210016

Previews

White Background



This preview shows how the Hex color C45EA3 looks on a white background.

Color Contrast Check

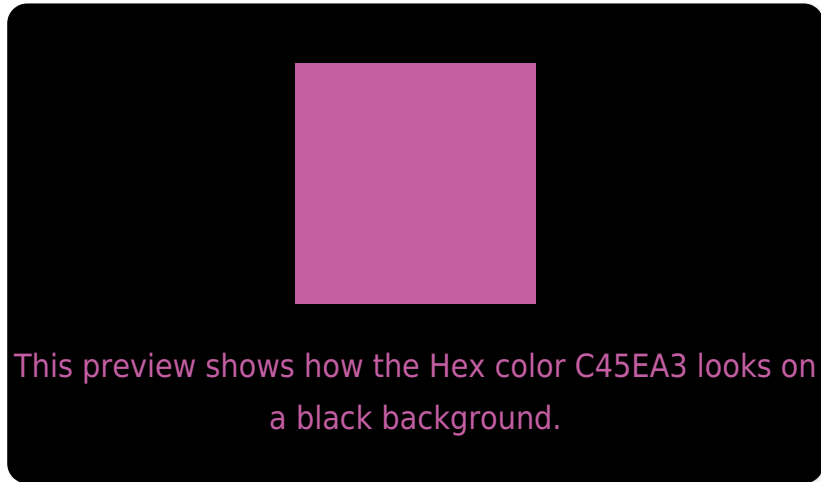
Large Text (above 18pt) WCAG AA ✓ Pass

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 C45EA3 Background



This preview shows how black text looks on a background with the Hex color C45EA3.

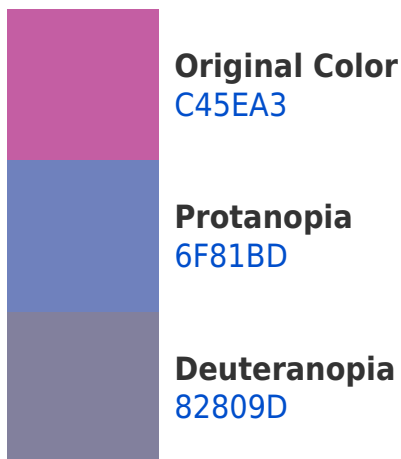


This preview shows how white text looks on a background with the Hex color C45EA3.

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
BF6971

Trichromacy



Original Color
C45EA3



Protanomaly
8E74B4



Deuteranomaly
9A749F



Tritanomaly
C16583

Monochromacy



Original Color
C45EA3



Achromatopsia
848484



Achromatomaly
9B768F

CSS Examples

Text

The CSS property to change the color of the text to Hex C45EA3 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 #C45EA3 looks like.

```
.text, #text, p{  
    color:#C45EA3  
}
```

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 #C45EA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C45EA3
}
```

Border

The CSS property to change the border of an element to Hex C45EA3 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
#C45EA3 }
```

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

```
.border{ border-color:#C45EA3 }
```

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

Here you see how a box with a 4 pixel #C45EA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C45EA3; -webkit-box-shadow:4px 4px  
4px 4px #C45EA3; box-shadow:4px 4px 4px  
4px #C45EA3 }
```

Background

The CSS property to change the background color of an element to Hex C45EA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C45EA3 }
```

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

```
.background{ background-color:#C45EA3 }
```

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