

Converting Colors

Hex(C45588)

Have a look what the booklet for
Hex(C45588) contains.

Hex(C45588)	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(C45588)

Conversions

Conversions Part 1

Format	Color
Hex	C45588
RGB	196, 85, 136
RGB Percent	77%, 33%, 53%
CMY	0.2314, 0.6667, 0.4667
CMYK	0.00, 0.57, 0.31, 0.23
HSL	332°, 48%, 55%
HSV	332°, 57%, 77%
XYZ	30.4574, 20.0103, 25.5497
YIQ	124.0030, 49.7850, 39.3930

Conversions

Conversions Part 2

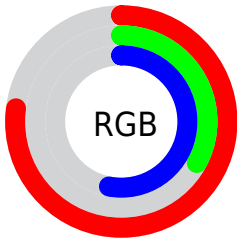
Format	Color
R_{YB}	196, 85, 136
Decimal	12866952
CIE _{Lab}	51.85, 49.70, -6.38
CIE _{LCh}	52, 50.109, 352.687
Yxy	20.0103, 0.4007, 0.2632
Android (android.graphics.Color)	4291057032 (0xFFC45588)
YUV	124.0030, 5.9145, 63.1414
Hunter-Lab	44.7329, 43.2530, -2.5510

Details

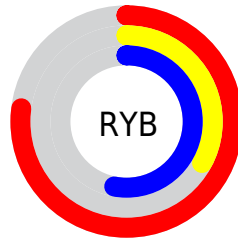
The Hex color **C45588** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **55C491**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF8BBD**, and **8B1D56** is the 20% darker color. If you saturate the color by 10%, you get **C4417D**, and if you desaturate by 10%, it is **C46993**.

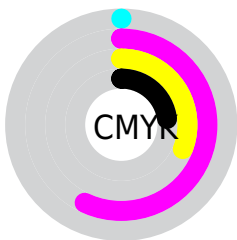
Distribution



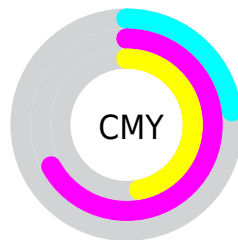
- Red (77%)
- Green (33%)
- Blue (53%)



- Red (77%)
- Yellow (33%)
- Blue (53%)



- Cyan (0%)
- Magenta (57%)
- Yellow (31%)
- Black (23%)



- Cyan (23%)
- Magenta (67%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color C45588 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 C45588 by changing the saturation by 10% instead.

 C45588

 C45588

FFFFFF

 A73A6F

 FF8BBD

 8B1D56

 FFA7D9

 6F003F

 FFC3F5

 540029

 FFDFFF

 3B0015

 FFFDFD

 1C0001

 000000

 C45588

 C45588

 C4417D

 C46993

 C42E73

 C47C9D

 C41A68

 C490A8

 C4075E

 C4A3B2

 C4005A

 C4B7BD

 C4CBC8

 C4DED2

 C4F2DD

 C4FFE7

Harmonies

Analogous

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



A662B0



C45588



C9575D

Triad

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



C45588



738325



008DBF

Complementary

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



C45588



55C491

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.



00909B



C45588



3C8C45

Square

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



C45588



9B7620



00906F



0084D1

Rectangle

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



C45588



C15F43



00906F



008EB5

Sweetspot

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



C45588



FFD4E8



9055C4



806672



000000



808080

Same Dimension

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



C45588



FF52A1



C45955



61575C



A1004A



21000F

Inverse Universe

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



C45588



FF52A1



55C0C4



61575C



A1004A



21000F

Previews

White Background



This preview shows how the Hex color C45588 looks on a white background.

Color Contrast Check

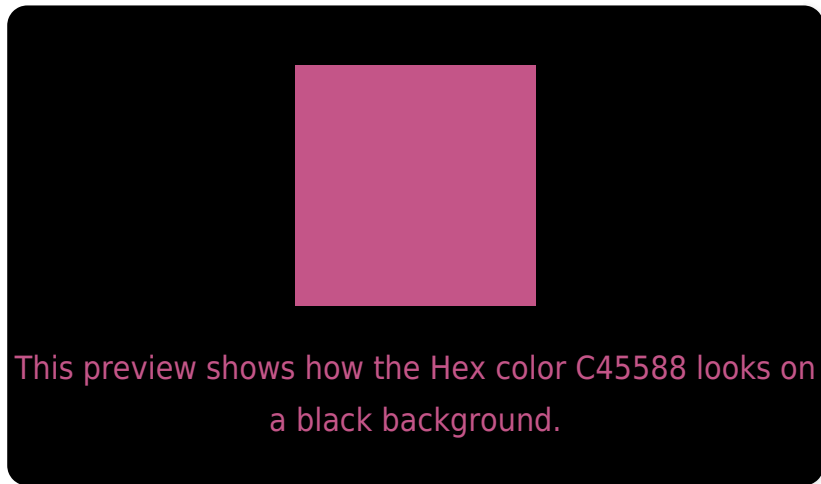
Large Text (above 18pt) WCAG AA ✓ Pass

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 C45588 Background



This preview shows how black text looks on a background with the Hex color C45588.




This preview shows how white text looks on a background with the Hex color C45588.

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
C15D63

Trichromacy



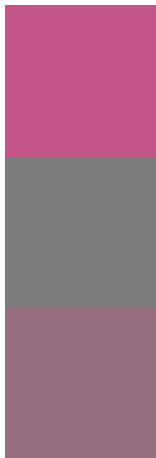
Original Color
C45588

Protanomaly
906D98

Deuteranomaly
9C6B84

Tritanomaly
C25A70

Monochromacy



Original Color
C45588

Achromatopsia
7C7C7C

Achromatomaly
966E80

CSS Examples

Text

The CSS property to change the color of the text to Hex C45588 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 #C45588 looks like.

```
.text, #text, p{  
    color:#C45588  
}
```

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 #C45588 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C45588
}
```

Border

The CSS property to change the border of an element to Hex C45588 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
#C45588 }
```

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

```
.border{ border-color:#C45588 }
```

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

Here you see how a box with a 4 pixel #C45588 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C45588; -webkit-box-shadow:4px 4px  
4px 4px #C45588; box-shadow:4px 4px 4px  
4px #C45588 }
```

Background

The CSS property to change the background color of an element to Hex C45588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C45588 }
```

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

```
.background{ background-color:#C45588 }
```

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