

Converting Colors

Hex(C33267)

Have a look what the booklet for
Hex(C33267) contains.

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Color

Hex(C33267)

Conversions

Conversions Part 1

Format	Color
Hex	C33267
RGB	195, 50, 103
RGB Percent	76%, 20%, 40%
CMY	0.2353, 0.8039, 0.5961
CMYK	0.00, 0.74, 0.47, 0.24
HSL	338°, 59%, 48%
HSV	338°, 74%, 76%
XYZ	26.0945, 14.8626, 14.3254
YIQ	99.3970, 69.4070, 47.2230

Conversions

Conversions Part 2

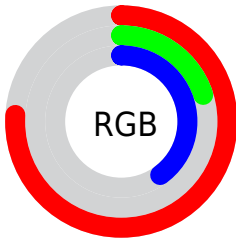
Format	Color
R_{YB}	195, 50, 103
Decimal	12792423
CIE Lab	45.45, 60.12, 4.22
CIE LCh	45, 60.265, 4.014
Yxy	14.8626, 0.4720, 0.2688
Android (android.graphics.Color)	4290982503 (0xFFC33267)
YUV	99.3970, 1.7763, 83.8438
Hunter-Lab	38.5520, 53.3541, 4.9551

Details

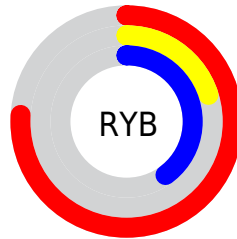
The Hex color **C33267** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **32C38E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF6C9A**, and **880038** is the 20% darker color. If you saturate the color by 10%, you get **C31E5B**, and if you desaturate by 10%, it is **C34573**.

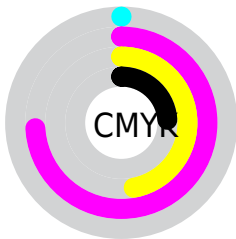
Distribution



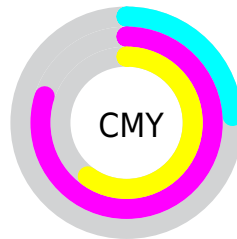
- Red (76%)
- Green (20%)
- Blue (40%)



- Red (76%)
- Yellow (20%)
- Blue (40%)



- Cyan (0%)
- Magenta (74%)
- Yellow (47%)
- Black (24%)



- Cyan (24%)
- Magenta (80%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color C33267 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 C33267 by changing the saturation by 10% instead.

 C33267

 C33267

FFFFFF

 A5074F

 FF6C9A

 880038

 FF89B5

 6A0023

 FFA5D0

 4E000D

 FFC2EC

 320002

 FFDFFF

 000000

 FFFDFF

 C33267

 C33267

 C31E5B

 C34573

 C30B4E

 C35980

 C30047

 C36D8C

 C38098

 C393A5

 C3A7B1

 C3BABE

 C3CECA

 C3E1D6

Harmonies

Analogous

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



AC4199



C33267



BE4036

Triad

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



C33267



477801



007CC6

Complementary

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



C33267



32C38E

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.



0081A3



C33267



007F3D

Square

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



C33267



7C6C00



008271



0070D1

Rectangle

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



C33267



AE5016



008271



007FBD

Sweetspot

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



C33267



FCC5D9



8E32C3



805E6A



000000



808080

Same Dimension

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



C33267



FC1C6E



C34532



61575B



A1003B



21000C

Inverse Universe

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



C33267



FC1C6E



32B0C3



61575B



A1003B



21000C

Previews

White Background



This preview shows how the Hex color C33267 looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C33267 Background



This preview shows how black text looks on a background with the Hex color C33267.



This preview shows how white text looks on a background with the Hex color C33267.

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
C33267

Protanopia
666B88

Deuteranopia
7B6860

Trichromacy



Original Color
C33267

Protanomaly
88567C

Deuteranomaly
955463

Tritanomaly
C2384E

Monochromacy



Original Color
C33267

Achromatopsia
636363

Achromatomaly
865164

CSS Examples

Text

The CSS property to change the color of the text to Hex C33267 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 #C33267 looks like.

```
.text, #text, p{  
    color:#C33267  
}
```

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 #C33267 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C33267
}
```

Border

The CSS property to change the border of an element to Hex C33267 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
#C33267 }
```

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

```
.border{ border-color:#C33267 }
```

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

Here you see how a box with a 4 pixel #C33267 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C33267; -webkit-box-shadow:4px 4px  
4px 4px #C33267; box-shadow:4px 4px 4px  
4px #C33267 }
```

Background

The CSS property to change the background color of an element to Hex C33267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C33267 }
```

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

```
.background{ background-color:#C33267 }
```

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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