

Converting Colors

Hex(CC2787)

Have a look what the booklet for
Hex(CC2787) contains.

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Color

Hex(CC2787)

Conversions

Conversions Part 1

Format	Color
Hex	CC2787
RGB	204, 39, 135
RGB Percent	80%, 15%, 53%
CMY	0.2000, 0.8471, 0.4706
CMYK	0.00, 0.81, 0.34, 0.20
HSL	325°, 68%, 48%
HSV	325°, 81%, 80%
XYZ	30.0005, 16.0377, 24.4360
YIQ	99.2790, 67.5240, 64.8360

Conversions

Conversions Part 2

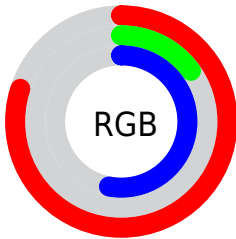
Format	Color
R_{YB}	204, 39, 135
Decimal	13379463
CIE _{Lab}	47.02, 68.78, -12.88
CIE _{LCh}	47, 69.975, 349.395
Yxy	16.0377, 0.4257, 0.2276
Android (android.graphics.Color)	4291569543 (0xFFCC2787)
YUV	99.2790, 17.6105, 91.8403
Hunter-Lab	40.0471, 63.6377, -8.1448

Details

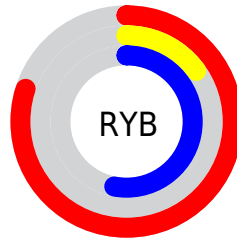
The Hex color **CC2787** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **27CC6C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF68BC**, and **910055** is the 20% darker color. If you saturate the color by 10%, you get **CC137E**, and if you desaturate by 10%, it is **CC3B90**.

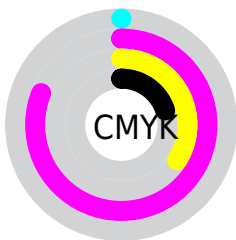
Distribution



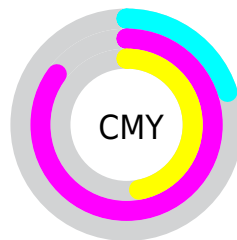
- Red (80%)
- Green (15%)
- Blue (53%)



- Red (80%)
- Yellow (15%)
- Blue (53%)



- Cyan (0%)
- Magenta (81%)
- Yellow (34%)
- Black (20%)



- Cyan (20%)
- Magenta (85%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC2787 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 CC2787 by changing the saturation by 10% instead.

 CC2787

 CC2787

FFFFFF

 AE006E

 FF68BC

 910055

 FF85D8

 74003E

 FFA2F4

 570028

 FFBFFF

 3C0013

 FFDCFF

 1A0001

 FFFAFF

 000000

 CC2787

 CC2787

 CC137E

 CC3B90

■ CC0077

■ CC5098

■ CC64A1

■ CC79A9

■ CC8DB2

■ CCA1BA

■ CCB6C3

■ CCCACB

■ CCDFD4

Harmonies

Analogous

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



9F4ABD



CC2787



D4274D

Triad

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



CC2787



637800



0086C9

Complementary

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



CC2787



27CC6C

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.



008995



CC2787



008316

Square

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



CC2787



996500



008858



007DE4

Rectangle

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



CC2787



C93E27



008858



0088B9

Sweetspot

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



CC2787



FFC2E5



6C27CC



805B70



000000



808080

Same Dimension

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



CC2787



FF0898



CC2735



665C62



A60060



260016

Inverse Universe

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



CC2787



FF0898



27CCBE



665C62



A60060



260016

Previews

White Background



This preview shows how the Hex color CC2787 looks on a white background.

Color Contrast Check

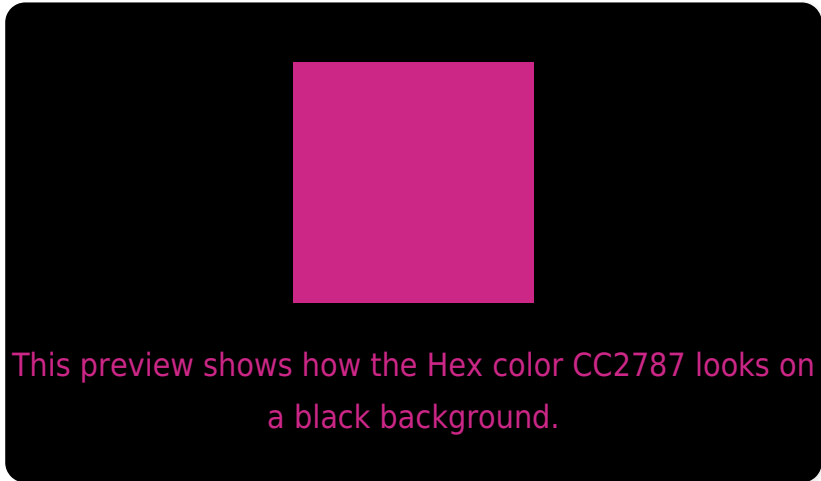
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC2787 Background



This preview shows how black text looks on a background with the Hex color CC2787.

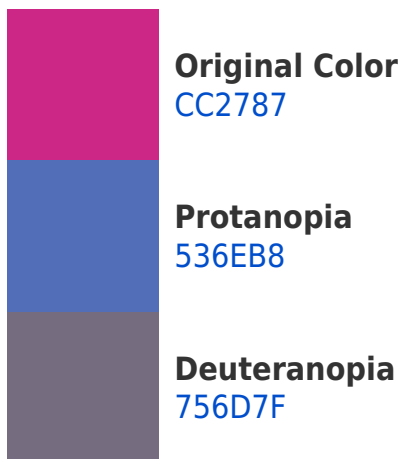


This preview shows how white text looks on a background with the Hex color CC2787.

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
C73F42

Trichromacy



Original Color
CC2787



Protanomaly
7F54A6



Deuteranomaly
955482



Tritanomaly
C9365B

Monochromacy



Original Color
CC2787



Achromatopsia
636363



Achromatomaly
894D70

CSS Examples

Text

The CSS property to change the color of the text to Hex CC2787 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 #CC2787 looks like.

```
.text, #text, p{  
    color:#CC2787  
}
```

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 #CC2787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC2787
}
```

Border

The CSS property to change the border of an element to Hex CC2787 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
#CC2787 }
```

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

```
.border{ border-color:#CC2787 }
```

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

Here you see how a box with a 4 pixel #CC2787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC2787; -webkit-box-shadow:4px 4px  
4px 4px #CC2787; box-shadow:4px 4px 4px  
4px #CC2787 }
```

Background

The CSS property to change the background color of an element to Hex CC2787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC2787 }
```

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

```
.background{ background-color:#CC2787 }
```

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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