

Converting Colors

Hex(CB265F)

Have a look what the booklet for
Hex(CB265F) contains.

Hex(CB265F)	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(CB265F)

Conversions

Conversions Part 1

Format	Color
Hex	CB265F
RGB	203, 38, 95
RGB Percent	80%, 15%, 37%
CMY	0.2039, 0.8510, 0.6275
CMYK	0.00, 0.81, 0.53, 0.20
HSL	339°, 68%, 47%
HSV	339°, 81%, 80%
XYZ	27.3873, 14.9090, 12.2607
YIQ	93.8330, 80.0430, 52.7070

Conversions

Conversions Part 2

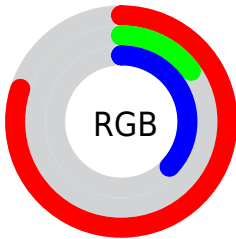
Format	Color
R_{YB}	203, 38, 95
Decimal	13313631
CIE Lab	45.51, 65.12, 9.47
CIE LCh	46, 65.807, 8.275
Yxy	14.9090, 0.5020, 0.2733
Android (android.graphics.Color)	4291503711 (0xFFCB265F)
YUV	93.8330, 0.5753, 95.7395
Hunter-Lab	38.6121, 59.0374, 8.2018

Details

The Hex color **CB265F** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **26CB92**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF6591**, and **8E0031** is the 20% darker color. If you saturate the color by 10%, you get **CB1252**, and if you desaturate by 10%, it is **CB3A6C**.

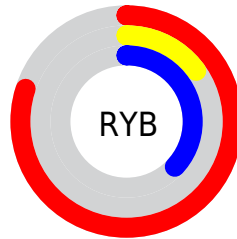
Distribution



Red (80%)

Green (15%)

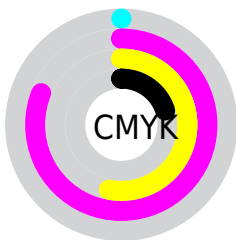
Blue (37%)



Red (80%)

Yellow (15%)

Blue (37%)

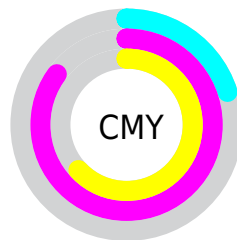


Cyan (0%)

Magenta (81%)

Yellow (53%)

Black (20%)



Cyan (20%)

Magenta (85%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB265F 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 CB265F by changing the saturation by 10% instead.

 CB265F

 CB265F

FFFFFF

 AC0048

 FF6591

 8E0031

 FF82AC

 70001D

 FF9FC7

 530001

 FFBCE3

 360002

 FFD9FF

 070000

 FFF7FF

 000000

 CB265F

 CB265F

 CB1252

 CB3A6C

 CB0046

 CB4F7A

 CB6387

 CB7794

 CB8CA1

 CBA0AF

 CBB4BC

 CBC8C9

 CBDDD7

Harmonies

Analogous

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



B73696



CB265F



C13D2A

Triad

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



CB265F



377B00



007CD2

Complementary

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



CB265F



26CB92

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.



0083AF



CB265F



008140

Square

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



CB265F



756E00



00847A



006EDA

Rectangle

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



CB265F



AE5100



00847A



007FC9

Sweetspot

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



CB265F



FFC2D7



9126CB



805B67



000000



808080

Same Dimension

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



CB265F



FF055B



CB3F26



665C5F



A60039



26000D

Inverse Universe

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



CB265F



FF055B



26B2CB



665C5F



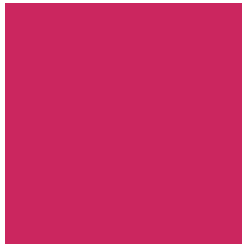
A60039



26000D

Previews

White Background



This preview shows how the Hex color CB265F looks on a white background.

Color Contrast Check

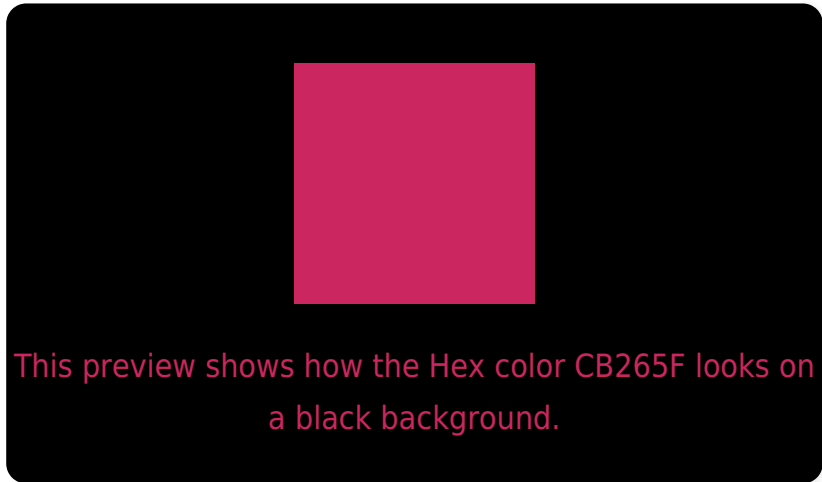
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB265F Background



This preview shows how black text looks on a background with the Hex color CB265F.

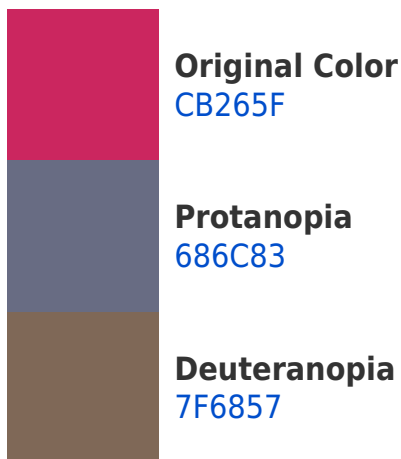


This preview shows how white text looks on a background with the Hex color CB265F.

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



Trichromacy



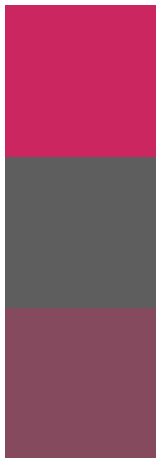
Original Color
CB265F

Protanomaly
8C5376

Deuteranomaly
9B505A

Tritanomaly
CA2E44

Monochromacy



Original Color
CB265F

Achromatopsia
5E5E5E

Achromatomaly
864A5E

CSS Examples

Text

The CSS property to change the color of the text to Hex CB265F 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 #CB265F looks like.

```
.text, #text, p{  
    color:#CB265F  
}
```

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 #CB265F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB265F
}
```

Border

The CSS property to change the border of an element to Hex CB265F 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
#CB265F }
```

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

```
.border{ border-color:#CB265F }
```

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

Here you see how a box with a 4 pixel #CB265F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB265F; -webkit-box-shadow:4px 4px  
4px 4px #CB265F; box-shadow:4px 4px 4px  
4px #CB265F }
```

Background

The CSS property to change the background color of an element to Hex CB265F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB265F }
```

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

```
.background{ background-color:#CB265F }
```

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