

Converting Colors

Hex(CC005F)

Have a look what the booklet for
Hex(CC005F) contains.

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Color

Hex(CC005F)

Conversions

Conversions Part 1

Format	Color
Hex	CC005F
RGB	204, 0, 95
RGB Percent	80%, 0%, 37%
CMY	0.2000, 1.0000, 0.6275
CMYK	0.00, 1.00, 0.53, 0.20
HSL	332°, 100%, 40%
HSV	332°, 100%, 80%
XYZ	26.9674, 13.6636, 12.0425
YIQ	71.8260, 91.0890, 72.7930

Conversions

Conversions Part 2

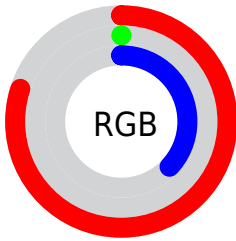
Format	Color
R_{YB}	204, 0, 95
Decimal	13369439
CIE _{Lab}	43.75, 71.02, 7.01
CIE _{LCh}	44, 71.368, 5.636
Yxy	13.6636, 0.5120, 0.2594
Android (android.graphics.Color)	4291559519 (0xFFCC005F)
YUV	71.8260, 11.4248, 115.9166
Hunter-Lab	36.9643, 65.5376, 6.5591

Details

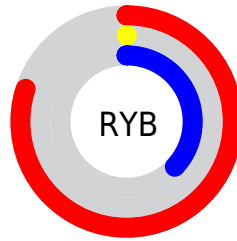
The Hex color **CC005F** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **00CC6D**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5791**, and **8F0032** is the 20% darker color. If you saturate the color by 10%, you get **CC005F**, and if you desaturate by 10%, it is **CC146A**.

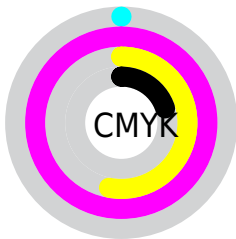
Distribution



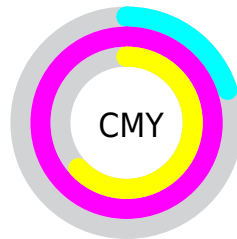
- Red (80%)
- Green (0%)
- Blue (37%)



- Red (80%)
- Yellow (0%)
- Blue (37%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC005F 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 CC005F by changing the saturation by 10% instead.

 CC005F

 CC005F

FFFFFF

 AD0048

 FF5791

 8F0032

 FF76AC

 70001D

 FF93C7

 530003

 FFB0E3

 350002

 FFCEFF

 030000

 FFECFF

 000000

 CC005F

 CC146A

 CC2975

 CC3D80

 CC528B

 CC6695

 CC7AA0

 CC8FAB

 CCA3B6

 CCB8C1

Harmonies

Analogous

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



B42999



CC005F



C32D25

Triad

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



CC005F



327600



007AD4

Complementary

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



CC005F



00CC6D

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.



0080AC



CC005F



007D32

Square

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



CC005F



746900



008071



006CDF

Rectangle

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



CC005F



B04700



008071



007DC9

Sweetspot

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



CC005F



FFB3D6



6D00CC



805267



000000



808080

Same Dimension

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



CC005F



FF0077



CC0700



665C61



A6004D



260012

Inverse Universe

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



CC005F



FF0077



00C5CC



665C61



A6004D



260012

Previews

White Background



This preview shows how the Hex color CC005F looks on a white background.

Color Contrast Check

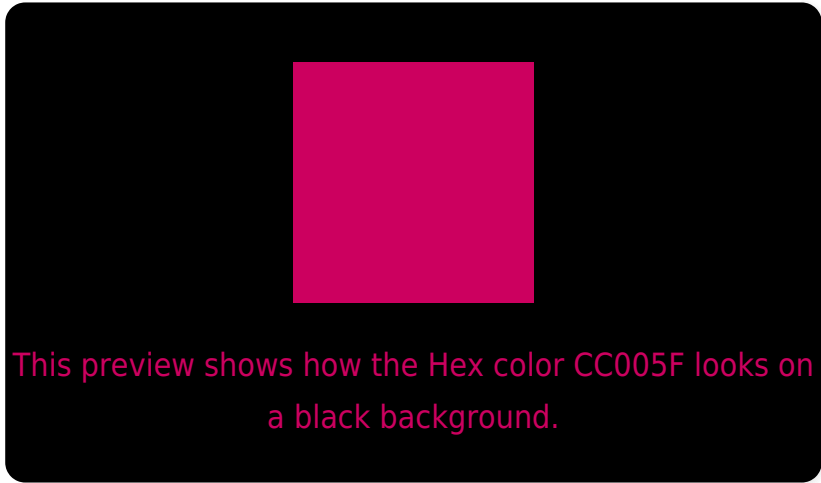
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC005F Background



This preview shows how black text looks on a background with the Hex color CC005F.



This preview shows how white text looks on a background with the Hex color CC005F.

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
CC005F



Protanomaly
88427A



Deuteranomaly
98415A



Tritanomaly
CB183A

Monochromacy



Original Color
CC005F



Achromatopsia
484848



Achromatomaly
782E50

CSS Examples

Text

The CSS property to change the color of the text to Hex CC005F 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 #CC005F looks like.

```
.text, #text, p{  
    color:#CC005F  
}
```

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 #CC005F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC005F
}
```

Border

The CSS property to change the border of an element to Hex CC005F 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
#CC005F }
```

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

```
.border{ border-color:#CC005F }
```

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

Here you see how a box with a 4 pixel #CC005F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC005F; -webkit-box-shadow:4px 4px  
4px 4px #CC005F; box-shadow:4px 4px 4px  
4px #CC005F }
```

Background

The CSS property to change the background color of an element to Hex CC005F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC005F }
```

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

```
.background{ background-color:#CC005F }
```

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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