

Converting Colors

Hex(CC0025)

Have a look what the booklet for
Hex(CC0025) contains.

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Color

Hex(CC0025)

Conversions

Conversions Part 1

Format	Color
Hex	CC0025
RGB	204, 0, 37
RGB Percent	80%, 0%, 15%
CMY	0.2000, 1.0000, 0.8549
CMYK	0.00, 1.00, 0.82, 0.20
HSL	349°, 100%, 40%
HSV	349°, 100%, 80%
XYZ	25.2358, 12.9709, 2.9238
YIQ	65.2140, 109.7070, 54.7550

Conversions

Conversions Part 2

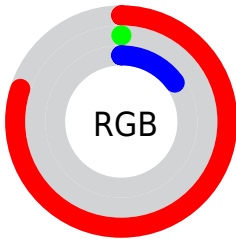
Format	Color
RYB	204, 0, 37
Decimal	13369381
CIELab	42.72, 68.26, 41.35
CIElCh	43, 79.809, 31.205
Yxy	12.9709, 0.6136, 0.3154
Android (android.graphics.Color)	4291559461 (0xFFCC0025)
YUV	65.2140, -13.9095, 121.7153
Hunter-Lab	36.0152, 62.0480, 20.3973

Details

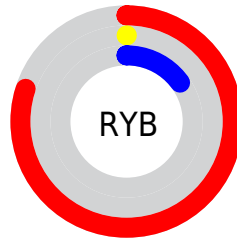
The Hex color **CC0025** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00CCA7**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **FF5653**, and **8C0000** is the 20% darker color. If you saturate the color by 10%, you get **CC0025**, and if you desaturate by 10%, it is **CC1436**.

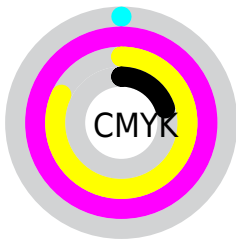
Distribution



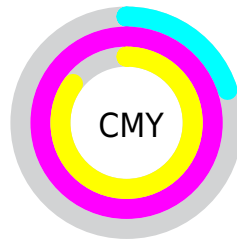
- Red (80%)
- Green (0%)
- Blue (15%)



- Red (80%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (82%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC0025 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 CC0025 by changing the saturation by 10% instead.

 CC0025

 CC0025

FFFFFF

 AC0010

 FF5653

 8C0000

 FF736B

 6C0000

 FF9185

 4E0003

 FFAE9F

 300002

 FFCBBA

 000000

 FFE9D6

 FFFFF2

 CC0025

 CC1436

 CC2946

 CC3D57

 CC5268

 CC6679

 CC7A89

 CC8F9A

 CCA3AB

 CCB8BB

Harmonies

Analogous

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



D20065



CC0025



AC4600

Triad

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



CC0025



007B1C



006EEB

Complementary

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



CC0025



00CCA7

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.



007BDA



CC0025



007F66

Square

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



CC0025



337400



007FA8



5951D8

Rectangle

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



CC0025



8C5B00



007FA8



0074EA

Sweetspot

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



CC0025



FFB3C0



A700CC



80525A



000000



808080

Same Dimension

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



CC0025



FF002E



CC4100



665C5E



A6001E



260007

Inverse Universe

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



CC0025



FF002E



008BCC



665C5E



A6001E



260007

Previews

White Background



This preview shows how the Hex color CC0025 looks on a white background.

Color Contrast Check

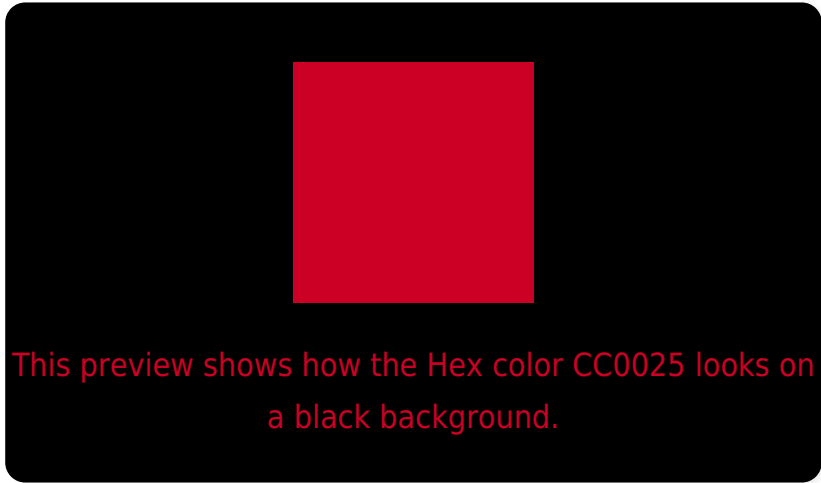
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC0025 Background



This preview shows how black text looks on a background with the Hex color CC0025.



This preview shows how white text looks on a background with the Hex color CC0025.

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
CC0025

Protanopia
71673A

Deuteranopia
826213

Trichromacy



Original Color
CC0025



Protanomaly
924232



Deuteranomaly
9D3E1A



Tritanomaly
CB0B0D

Monochromacy



Original Color
CC0025



Achromatopsia
414141



Achromatomaly
742937

CSS Examples

Text

The CSS property to change the color of the text to Hex CC0025 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 #CC0025 looks like.

```
.text, #text, p{  
    color:#CC0025  
}
```

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 #CC0025 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC0025
}
```

Border

The CSS property to change the border of an element to Hex CC0025 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
#CC0025 }
```

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

```
.border{ border-color:#CC0025 }
```

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

Here you see how a box with a 4 pixel #CC0025 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC0025; -webkit-box-shadow:4px 4px  
4px 4px #CC0025; box-shadow:4px 4px 4px  
4px #CC0025 }
```

Background

The CSS property to change the background color of an element to Hex CC0025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC0025 }
```

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

```
.background{ background-color:#CC0025 }
```

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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