

Converting Colors

Hex(CE0D56)

Have a look what the booklet for
Hex(CE0D56) contains.

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Color

Hex(CE0D56)

Conversions

Conversions Part 1

Format	Color
Hex	CE0D56
RGB	206, 13, 86
RGB Percent	81%, 5%, 34%
CMY	0.1922, 0.9490, 0.6627
CMYK	0.00, 0.94, 0.58, 0.19
HSL	337°, 88%, 43%
HSV	337°, 94%, 81%
XYZ	27.2772, 14.0815, 10.0844
YIQ	79.0290, 91.5950, 63.6190

Conversions

Conversions Part 2

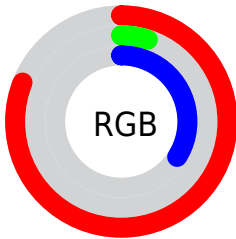
Format	Color
R_{YB}	206, 13, 86
Decimal	13503830
CIE Lab	44.35, 69.68, 13.56
CIE LCh	44, 70.985, 11.015
Yxy	14.0815, 0.5302, 0.2737
Android (android.graphics.Color)	4291693910 (0xFFCE0D56)
YUV	79.0290, 3.4367, 111.3536
Hunter-Lab	37.5254, 64.0824, 10.3344

Details

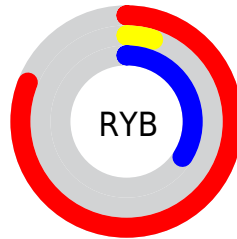
The Hex color **CE0D56** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **0DCE85**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5B87**, and **90002A** is the 20% darker color. If you saturate the color by 10%, you get **CE004E**, and if you desaturate by 10%, it is **CE2263**.

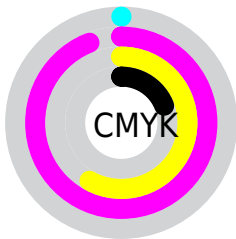
Distribution



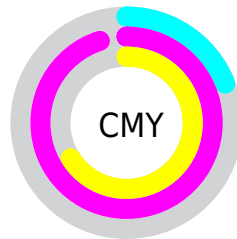
- Red (81%)
- Green (5%)
- Blue (34%)



- Red (81%)
- Yellow (5%)
- Blue (34%)



- Cyan (0%)
- Magenta (94%)
- Yellow (58%)
- Black (19%)



- Cyan (19%)
- Magenta (95%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE0D56 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 CE0D56 by changing the saturation by 10% instead.

 CE0D56

 CE0D56

FFFFFF

 AF003F

 FF5B87

 90002A

 FF79A1

 720016

 FF96BC

 540002

 FFB3D8

 360002

 FFD1F4

 060000

 FFEFFF

 000000

 CE0D56

 CE0D56

 CE004E

 CE2263

 CE3670

 CE4B7C

 CE5F89

 CE7496

 CE89A3

 CE9DB0

 CEB2BC

 CEC6C9

Harmonies

Analogous

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



BD2491



CE0D56



C1371C

Triad

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



CE0D56



207A00



007ADA

Complementary

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



CE0D56



0DCE85

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.



0081B6



CE0D56



008040

Square

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



CE0D56



6C6D00



00827E



006ADF

Rectangle

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



CE0D56



AB4E00



00827E



007DD1

Sweetspot

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



CE0D56



FFB8D3



840DCE



805465



000000



808080

Same Dimension

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



CE0D56



FF0060



CE240D



665C60



A6003F



26000E

Inverse Universe

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



CE0D56



FF0060



0DB7CE



665C60



A6003F



26000E

Previews

White Background



This preview shows how the Hex color CE0D56 looks on a white background.

Color Contrast Check

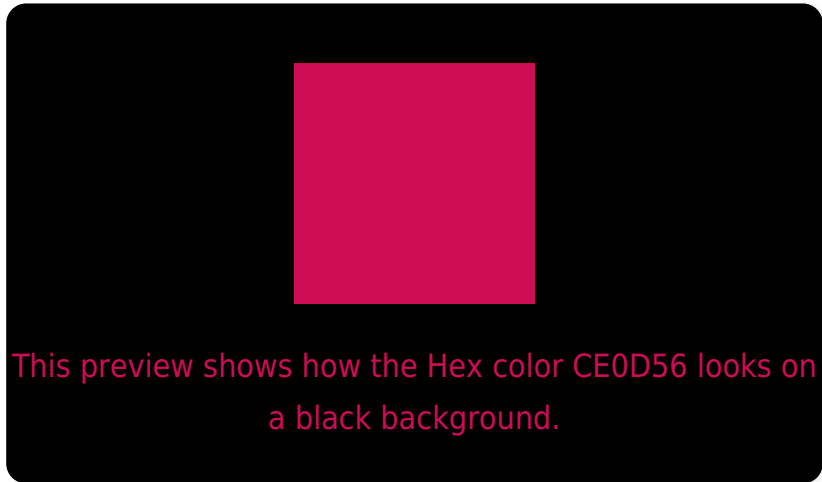
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE0D56 Background



This preview shows how black text looks on a background with the Hex color CE0D56.



This preview shows how white text looks on a background with the Hex color CE0D56.

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
CE0D56



Protanomaly
8C486F



Deuteranomaly
9B4650



Tritanomaly
CD1C36

Monochromacy



Original Color
CE0D56



Achromatopsia
4F4F4F



Achromatomaly
7D3752

CSS Examples

Text

The CSS property to change the color of the text to Hex CE0D56 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 #CE0D56 looks like.

```
.text, #text, p{  
    color:#CE0D56  
}
```

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 #CE0D56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE0D56
}
```

Border

The CSS property to change the border of an element to Hex CE0D56 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
#CE0D56 }
```

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

```
.border{ border-color:#CE0D56 }
```

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

Here you see how a box with a 4 pixel #CE0D56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE0D56; -webkit-box-shadow:4px 4px  
4px 4px #CE0D56; box-shadow:4px 4px 4px  
4px #CE0D56 }
```

Background

The CSS property to change the background color of an element to Hex CE0D56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE0D56 }
```

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

```
.background{ background-color:#CE0D56 }
```

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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