

Converting Colors

Hex(CD495D)

Have a look what the booklet for
Hex(CD495D) contains.

| | |
|--|----|
| Hex(CD495D) | 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(CD495D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CD495D |
| RGB | 205, 73, 93 |
| RGB Percent | 80%, 29%, 36% |
| CMY | 0.1961, 0.7137, 0.6353 |
| CMYK | 0.00, 0.64, 0.55, 0.20 |
| HSL | 351°, 57%, 55% |
| HSV | 351°, 64%, 80% |
| XYZ | 29.5352, 18.5345, 12.3768 |
| YIQ | 114.7480, 72.2520, 34.2040 |

Conversions

Conversions Part 2

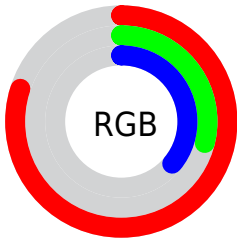
| Format | Color |
|-------------------------------------|---|
| RYB | 205, 73, 93 |
| Decimal | 13453661 |
| CIELab | 50.14, 53.59, 17.15 |
| CIELCh | 50, 56.264, 17.746 |
| Yxy | 18.5345, 0.4886, 0.3066 |
| Android (android.graphics.Color) | 4291643741 (0xFFCD495D) |
| YUV | 114.7480, -10.7218, 79.1510 |
| Hunter-Lab | 43.0518, 47.1173, 13.0912 |

Details

The Hex color **CD495D** 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 **49CDB9**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF808F**, and **91032F** is the 20% darker color. If you saturate the color by 10%, you get **CD354C**, and if you desaturate by 10%, it is **CD5E6E**.

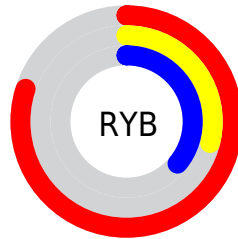
Distribution



Red (80%)

Green (29%)

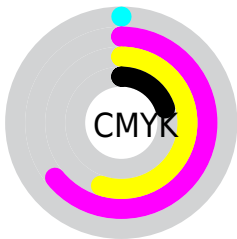
Blue (36%)



Red (80%)

Yellow (29%)

Blue (36%)

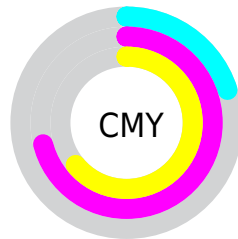


Cyan (0%)

Magenta (64%)

Yellow (55%)

Black (20%)



Cyan (20%)

Magenta (71%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD495D 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 CD495D by changing the saturation by 10% instead.

 CD495D

 CD495D

FFFFFF

 AF2C46

 FF808F

 91032F

 FF9CAA

 74001B

 FFB8C5

 570000

 FFD5E1

 3C0003

 FFF2FD

 170000

 000000

 CD495D

 CD495D

 CD354C

 CD5E6E

 CD203A

 CD7280

 CD0C29

 CD8691

 CD001F

 CD9BA3

 CDB0B4

 CDC4C5

 CDD9D7

 CDEDE8

 CDFFFA

Harmonies

Analogous

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



C34A8D



CD495D



BF5A31

Triad

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



CD495D



398732



0082D5

Complementary

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



CD495D



49CDB9

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.



008BBD



CD495D



008C61

Square

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



CD495D



747E07



008E93



4E73D3

Rectangle

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



CD495D



AB6817



008E93



0086D0

Sweetspot

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



CD495D



FFCFD6



B749CD



806267



000000



808080

Same Dimension

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



CD495D



FF3B58



CD7549



665C5D



A60019



260006

Inverse Universe

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



CD495D



FF3B58



49A1CD



665C5D



A60019



260006

Previews

White Background



This preview shows how the Hex color CD495D looks on a white background.

Color Contrast Check

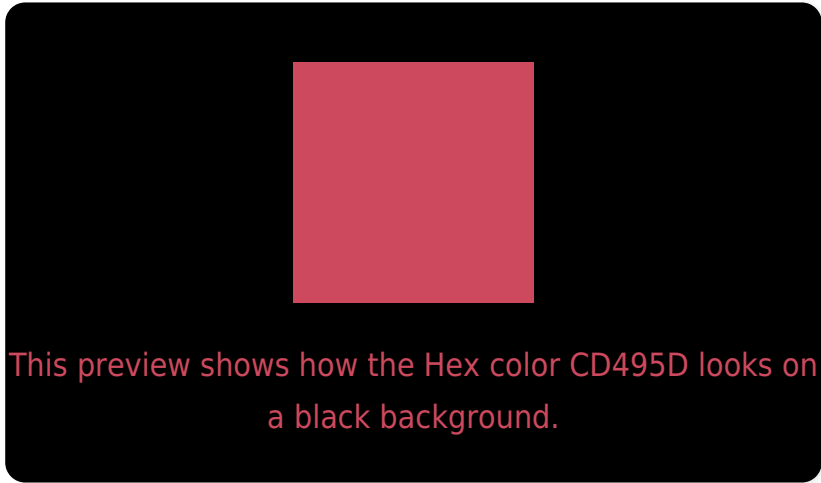
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CD495D Background



This preview shows how black text looks on a background with the Hex color CD495D.

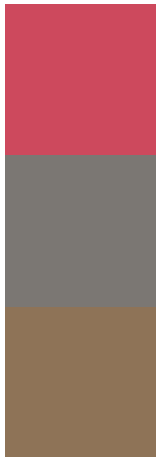


This preview shows how white text looks on a background with the Hex color CD495D.

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
CD495D

Protanopia
7B7773

Deuteranopia
8E7357

Trichromacy



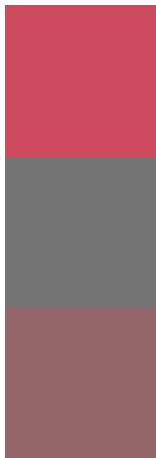
Original Color
CD495D

Protanomaly
99666B

Deuteranomaly
A56459

Tritanomaly
CC4A55

Monochromacy



Original Color
CD495D

Achromatopsia
737373

Achromatomaly
94646B

CSS Examples

Text

The CSS property to change the color of the text to Hex CD495D 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 #CD495D looks like.

```
.text, #text, p{  
    color:#CD495D  
}
```

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 #CD495D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD495D
}
```

Border

The CSS property to change the border of an element to Hex CD495D is called "border". The border property can be set on classes, ids or directly on the HTML element.

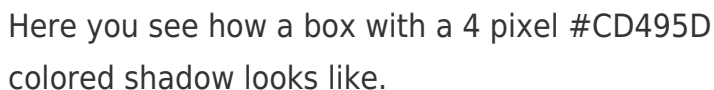
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CD495D }
```

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

```
.border{ border-color:#CD495D }
```

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



Here you see how a box with a 4 pixel `#CD495D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD495D; -webkit-box-shadow:4px 4px  
4px 4px #CD495D; box-shadow:4px 4px 4px  
4px #CD495D }
```

Background

The CSS property to change the background color of an element to Hex CD495D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD495D }
```

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

```
.background{ background-color:#CD495D }
```

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