

Converting Colors

Hex(C34D58)

Have a look what the booklet for
Hex(C34D58) contains.

Hex(C34D58)	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(C34D58)

Conversions

Conversions Part 1

Format	Color
Hex	C34D58
RGB	195, 77, 88
RGB Percent	76%, 30%, 35%
CMY	0.2353, 0.6980, 0.6549
CMYK	0.00, 0.61, 0.55, 0.24
HSL	354°, 50%, 53%
HSV	354°, 61%, 76%
XYZ	26.9210, 17.6144, 11.2136
YIQ	113.5360, 66.7970, 28.4370

Conversions

Conversions Part 2

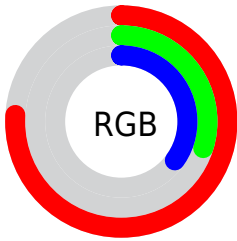
Format	Color
RYB	195, 77, 88
Decimal	12799320
CIELab	49.03, 48.08, 18.37
CIElCh	49, 51.470, 20.904
Yxy	17.6144, 0.4829, 0.3160
Android (android.graphics.Color)	4290989400 (0xFFC34D58)
YUV	113.5360, -12.5892, 71.4439
Hunter-Lab	41.9696, 41.0505, 13.5374

Details

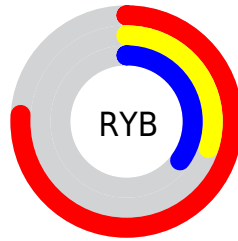
The Hex color **C34D58** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **4DC3B8**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF838A**, and **88122B** is the 20% darker color. If you saturate the color by 10%, you get **C33A46**, and if you desaturate by 10%, it is **C3616A**.

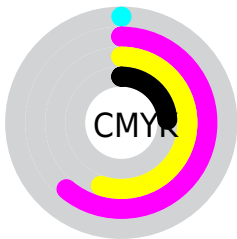
Distribution



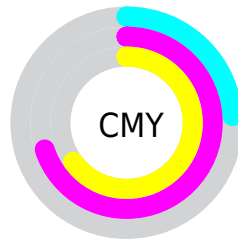
- Red (76%)
- Green (30%)
- Blue (35%)



- Red (76%)
- Yellow (30%)
- Blue (35%)



- Cyan (0%)
- Magenta (61%)
- Yellow (55%)
- Black (24%)



- Cyan (24%)
- Magenta (70%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color C34D58 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 C34D58 by changing the saturation by 10% instead.

 C34D58

 C34D58

FFFFFF

 A53241

 FF838A

 88122B

 FF9EA4

 6B0017

 FFBABF

 4F0000

 FFD7DB

 350002

 FFF4F7

 020000

 000000

 C34D58

 C34D58

 C33A46

 C3616A

 C32635

 C3747B

 C31223

 C3878D

 C30012

 C39B9F

 C3AFB0

 C3C2C2

 C3D6D4

 C3E9E5

 C3FDF7

Harmonies

Analogous

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



BC4C84



C34D58



B45C31

Triad

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



C34D58



36843A



007DCB

Complementary

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



C34D58



4DC3B8

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.



0086B7



C34D58



008865

Square

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



C34D58



6D7B19



008992



5C6EC6

Rectangle

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



C34D58



A1681D



008992



0081C7

Sweetspot

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



C34D58



FCCFD3



B74DC3



806366



000000



808080

Same Dimension

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



C34D58



FC4455



C37C4D



615758



A1000F



210003

Inverse Universe

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



C34D58



FC4455



4D94C3



615758



A1000F



210003

Previews

White Background



This preview shows how the Hex color C34D58 looks on a white background.

Color Contrast Check

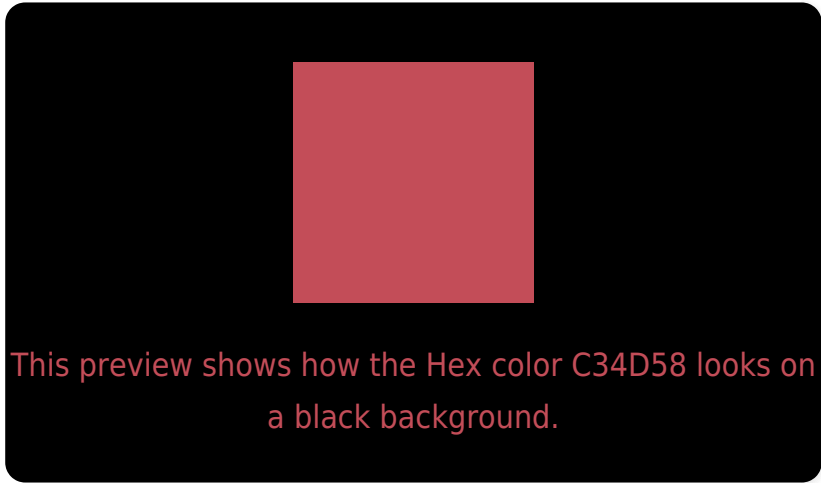
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 C34D58 Background



This preview shows how black text looks on a background with the Hex color C34D58.

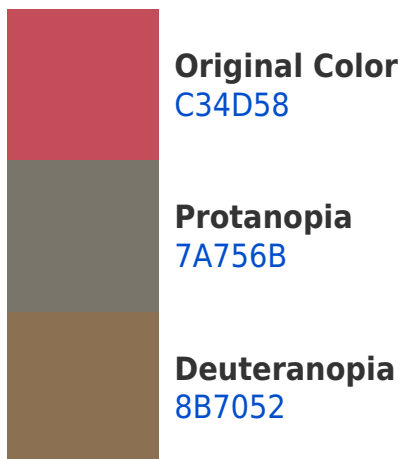


This preview shows how white text looks on a background with the Hex color C34D58.

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





Tritanopia
C34E53

Trichromacy



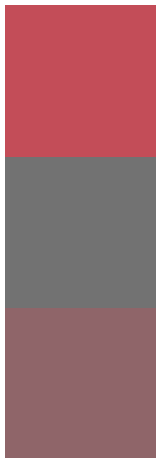
Original Color
C34D58

Protanomaly
956664

Deuteranomaly
9F6354

Tritanomaly
C34E55

Monochromacy



Original Color
C34D58

Achromatopsia
727272

Achromatomaly
8F6569

CSS Examples

Text

The CSS property to change the color of the text to Hex C34D58 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 #C34D58 looks like.

```
.text, #text, p{  
  color:#C34D58  
}
```

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 #C34D58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C34D58  
}
```

Border

The CSS property to change the border of an element to Hex C34D58 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".

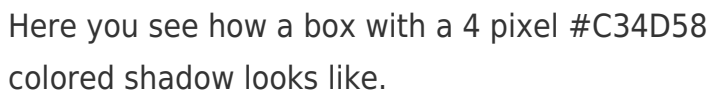
```
.border, #border, table{ border:4px solid  
#C34D58 }
```

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

```
.border{ border-color:#C34D58 }
```

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

Here you see how a box with a 4 pixel #C34D58 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C34D58; -webkit-box-shadow:4px 4px  
4px 4px #C34D58; box-shadow:4px 4px 4px  
4px #C34D58 }
```

Background

The CSS property to change the background color of an element to Hex C34D58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C34D58 }
```

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

```
.background{ background-color:#C34D58 }
```

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