

Converting Colors

Hex(C33C53)

Have a look what the booklet for
Hex(C33C53) contains.

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Color

Hex(C33C53)

Conversions

Conversions Part 1

Format	Color
Hex	C33C53
RGB	195, 60, 83
RGB Percent	76%, 24%, 33%
CMY	0.2353, 0.7647, 0.6745
CMYK	0.00, 0.69, 0.57, 0.24
HSL	350°, 53%, 50%
HSV	350°, 69%, 76%
XYZ	25.6829, 15.4584, 9.8137
YIQ	102.9870, 73.0770, 35.7730

Conversions

Conversions Part 2

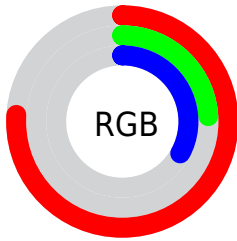
Format	Color
R_{YB}	195, 60, 83
Decimal	12794963
CIE _{Lab}	46.26, 54.91, 17.67
CIE _{LCh}	46, 57.678, 17.835
Yxy	15.4584, 0.5040, 0.3034
Android (android.graphics.Color)	4290985043 (0xFFC33C53)
YUV	102.9870, -9.8536, 80.6954
Hunter-Lab	39.3171, 47.7955, 12.7229

Details

The Hex color **C33C53** 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 **3CC3AC**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF7484**, and **870027** is the 20% darker color. If you saturate the color by 10%, you get **C32943**, and if you desaturate by 10%, it is **C35063**.

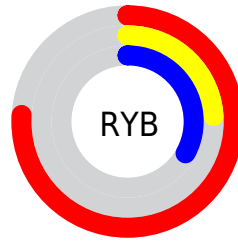
Distribution



Red (76%)

Green (24%)

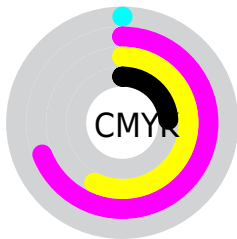
Blue (33%)



Red (76%)

Yellow (24%)

Blue (33%)

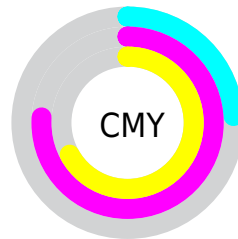


Cyan (0%)

Magenta (69%)

Yellow (57%)

Black (24%)



Cyan (24%)

Magenta (76%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color C33C53 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 C33C53 by changing the saturation by 10% instead.

 C33C53

 C33C53

FFFFFF

 A51C3C

 FF7484

 870027

 FF8F9E

 6A0013

 FFACB9

 4D0000

 FFC8D5

 310002

 FFE5F1

 000000

 C33C53

 C33C53

 C32943

 C35063

 C31533

 C36373

 C30222

 C37784

 C30021

 C38A94

 C39EA4

 C3B1B4

 C3C5C4

 C3D8D4

 C3ECE5

Harmonies

Analogous

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



BA3D83



C33C53



B44F26

Triad

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



C33C53



2A7E26



0079CC

Complementary

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



C33C53



3CC3AC

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.



0081B5



C33C53



008258

Square

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



C33C53



697400



00848A



3F69CA

Rectangle

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



C33C53



A05E04



00848A



007CC7

Sweetspot

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



C33C53



FCC7D0



AA3CC3



806065



000000



808080

Same Dimension

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



C33C53



FC2B4F



C3673C



615759



A1001B



210006

Inverse Universe

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



C33C53



FC2B4F



3C98C3



615759



A1001B



210006

Previews

White Background



This preview shows how the Hex color C33C53 looks on a white background.

Color Contrast Check

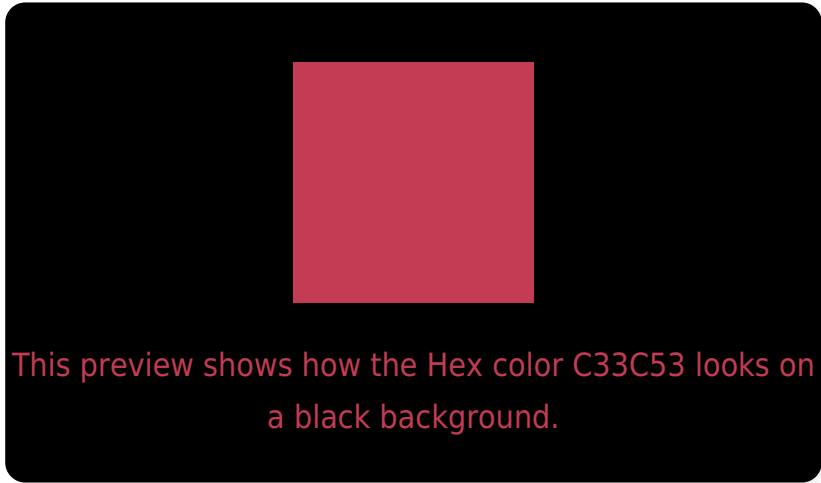
Large Text (above 18pt) WCAG AA ✓ Pass

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

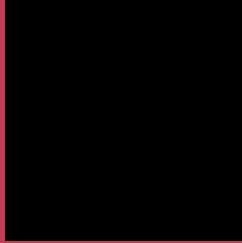
Any Text WCAG AA × Fail

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 C33C53 Background



This preview shows how black text looks on a background with the Hex color C33C53.

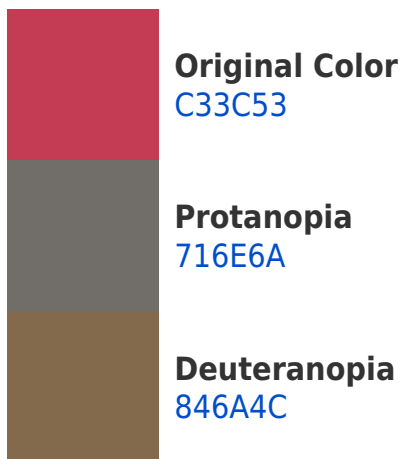


This preview shows how white text looks on a background with the Hex color C33C53.

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](#).

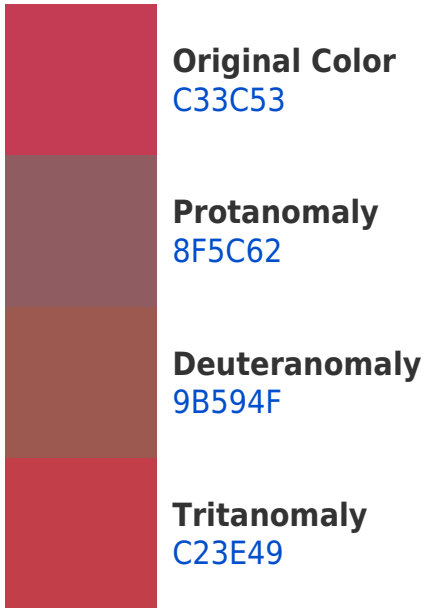
Dichromacy





Tritanopia
C23F43

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C33C53 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 #C33C53 looks like.

```
.text, #text, p{  
    color:#C33C53  
}
```

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 #C33C53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C33C53
}
```

Border

The CSS property to change the border of an element to Hex C33C53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

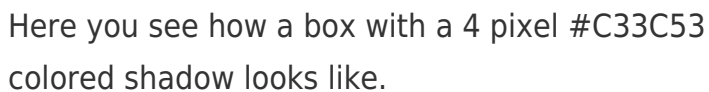
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C33C53 }
```

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

```
.border{ border-color:#C33C53 }
```

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



Here you see how a box with a 4 pixel `#C33C53` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C33C53; -webkit-box-shadow:4px 4px  
4px 4px #C33C53; box-shadow:4px 4px 4px  
4px #C33C53 }
```

Background

The CSS property to change the background color of an element to Hex C33C53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C33C53 }
```

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

```
.background{ background-color:#C33C53 }
```

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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