

Converting Colors

Hex(C10334)

Have a look what the booklet for
Hex(C10334) contains.

Hex(C10334)	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(C10334)

Conversions

Conversions Part 1

Format	Color
Hex	C10334
RGB	193, 3, 52
RGB Percent	76%, 1%, 20%
CMY	0.2431, 0.9882, 0.7961
CMYK	0.00, 0.98, 0.73, 0.24
HSL	345°, 97%, 38%
HSV	345°, 98%, 76%
XYZ	22.6447, 11.6505, 4.3041
YIQ	65.3960, 97.5110, 55.5190

Conversions

Conversions Part 2

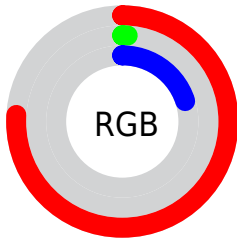
Format	Color
R_YB	193, 3, 52
Decimal	12649268
CIE Lab	40.66, 65.76, 29.55
CIE LCh	41, 72.096, 24.198
Yxy	11.6505, 0.5867, 0.3018
Android (android.graphics.Color)	4290839348 (0xFFC10334)
YUV	65.3960, -6.6042, 111.9087
Hunter-Lab	34.1329, 58.6895, 16.4167

Details

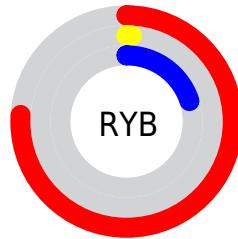
The Hex color **C10334** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **03C190**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **FF5462**, and **830009** is the 20% darker color. If you saturate the color by 10%, you get **C10032**, and if you desaturate by 10%, it is **C11642**.

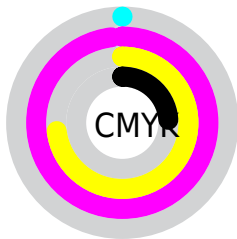
Distribution



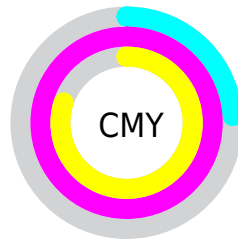
- Red (76%)
- Green (1%)
- Blue (20%)



- Red (76%)
- Yellow (1%)
- Blue (20%)



- Cyan (0%)
- Magenta (98%)
- Yellow (73%)
- Black (24%)



- Cyan (24%)
- Magenta (99%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color C10334 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 C10334 by changing the saturation by 10% instead.

 C10334

 C10334

FFFFFF

 A2001F

 FF5462

 830009

 FF727B

 640000

 FF8F95

 470003

 FFABB0

 270001

 FFC9CB

 000000

 FFE6E7

 C10334

 C10334

 C10032

 C11642

 C12A51

 C13D5F

 C1506D

 C1637C

 C1778A

 C18A98

 C19DA7

 C1B1B5

Harmonies

Analogous

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



BF006E



C10334



A93C00

Triad

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



C10334



00730C



006BD7

Complementary

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



C10334



03C190

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.



0075C0



C10334



007752

Square

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



C10334



476B00



00788F



3156CD

Rectangle

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



C10334



8F5100



00788F



0070D3

Sweetspot

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



C10334



FAAFC2



8E03C1



7D505C



FCFCFC



7D7D7D

Same Dimension

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



C10334



FA0040



C12F03



61575A



A10029



210009

Inverse Universe

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



C10334



FA0040



0395C1



61575A



A10029



210009

Previews

White Background



This preview shows how the Hex color C10334 looks on a white background.

Color Contrast Check

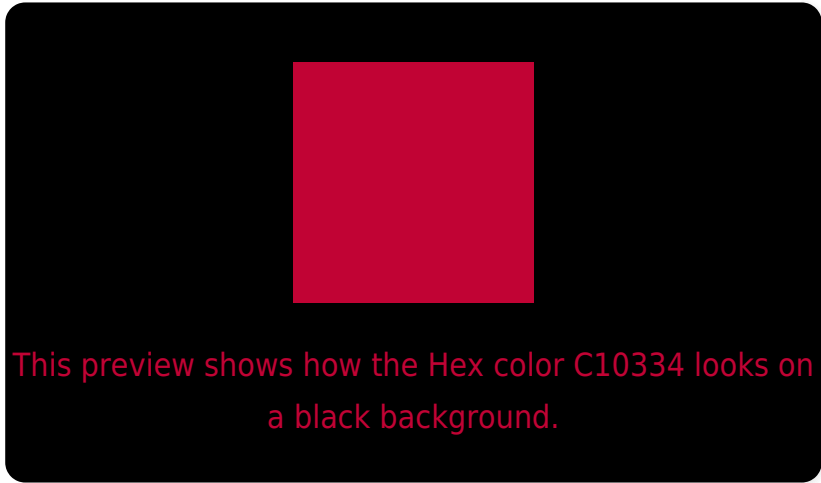
Large Text (above 18pt) WCAG AA ✓ Pass

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 C10334 Background



This preview shows how black text looks on a background with the Hex color C10334.



This preview shows how white text looks on a background with the Hex color C10334.

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
C10334

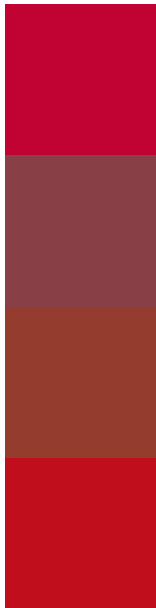
Protanopia
68624E

Deuteranopia
7A5D2A



Tritanopia
C01510

Trichromacy



Original Color
C10334

Protanomaly
883F45

Deuteranomaly
943C2E

Tritanomaly
C00E1D

Monochromacy



Original Color
C10334

Achromatopsia
414141

Achromatomaly
702A3C

CSS Examples

Text

The CSS property to change the color of the text to Hex C10334 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 #C10334 looks like.

```
.text, #text, p{  
    color:#C10334  
}
```

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 #C10334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C10334
}
```

Border

The CSS property to change the border of an element to Hex C10334 is called "border". The border property can be set on classes, ids or directly on the HTML element.

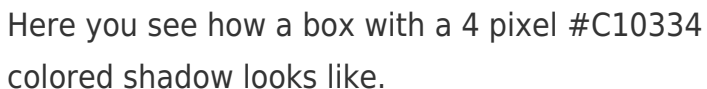
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C10334 }
```

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

```
.border{ border-color:#C10334 }
```

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



Here you see how a box with a 4 pixel `#C10334` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C10334; -webkit-box-shadow:4px 4px  
4px 4px #C10334; box-shadow:4px 4px 4px  
4px #C10334 }
```

Background

The CSS property to change the background color of an element to Hex C10334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C10334 }
```

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

```
.background{ background-color:#C10334 }
```

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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