

Converting Colors

Hex(C53A5B)

Have a look what the booklet for
Hex(C53A5B) contains.

Hex(C53A5B)	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(C53A5B)

Conversions

Conversions Part 1

Format	Color
Hex	C53A5B
RGB	197, 58, 91
RGB Percent	77%, 23%, 36%
CMY	0.2275, 0.7725, 0.6431
CMYK	0.00, 0.71, 0.54, 0.23
HSL	346°, 55%, 50%
HSV	346°, 71%, 77%
XYZ	26.4273, 15.6518, 11.5257
YIQ	103.3230, 72.2510, 39.7310

Conversions

Conversions Part 2

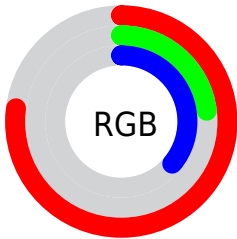
Format	Color
RYB	197, 58, 91
Decimal	12925531
CIELab	46.51, 56.89, 13.17
CIElCh	47, 58.391, 13.039
Yxy	15.6518, 0.4930, 0.2920
Android (android.graphics.Color)	4291115611 (0xFFC53A5B)
YUV	103.3230, -6.0752, 82.1547
Hunter-Lab	39.5623, 50.0027, 10.4206

Details

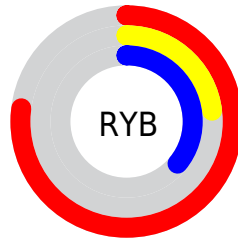
The Hex color **C53A5B** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **3AC5A4**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF738D**, and **89002E** is the 20% darker color. If you saturate the color by 10%, you get **C5264C**, and if you desaturate by 10%, it is **C54E6A**.

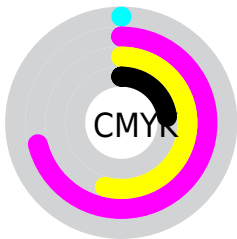
Distribution



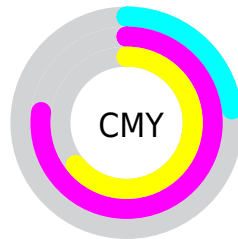
- Red (77%)
- Green (23%)
- Blue (36%)



- Red (77%)
- Yellow (23%)
- Blue (36%)



- Cyan (0%)
- Magenta (71%)
- Yellow (54%)
- Black (23%)



- Cyan (23%)
- Magenta (77%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color C53A5B 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 C53A5B by changing the saturation by 10% instead.

 C53A5B

 C53A5B

FFFFFF

 A71844

 FF738D

 89002E

 FF8EA7

 6C001A

 FFABC2

 4F0000

 FFC7DE

 330002

 FFE4FB

 000000

 C53A5B

 C53A5B

 C5264C

 C54E6A

 C5133D

 C56179

 C5002F

 C57588

 C58997

 C59DA6

 C5B0B5

 C5C4C4

 C5D8D3

 C5EBE2

Harmonies

Analogous

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



B7408C



C53A5B



B94C2D

Triad

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



C53A5B



387D1E



007CCC

Complementary

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



C53A5B



3AC5A4

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.



0083B0



C53A5B



008350

Square

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



C53A5B



717300



008583



1E6DCE

Rectangle

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



C53A5B



A75B0D



008583



007FC5

Sweetspot

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



C53A5B



FFC9D6



A23AC5



806067



000000



808080

Same Dimension

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



C53A5B



FF265A



C55D3A



635A5C



A30027



240008

Inverse Universe

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



C53A5B



FF265A



3AA2C5



635A5C



A30027



240008

Previews

White Background



This preview shows how the Hex color C53A5B looks on a white background.

Color Contrast Check

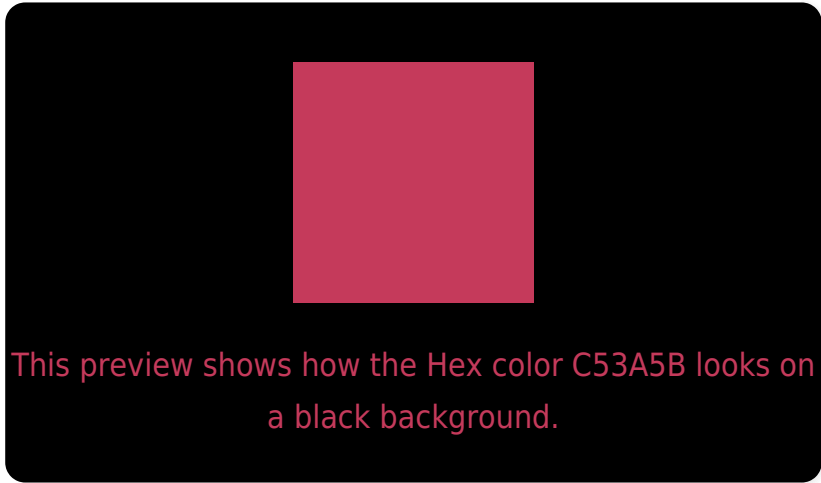
Large Text (above 18pt) WCAG AA ✓ Pass

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 C53A5B Background



This preview shows how black text looks on a background with the Hex color C53A5B.



This preview shows how white text looks on a background with the Hex color C53A5B.

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](#).

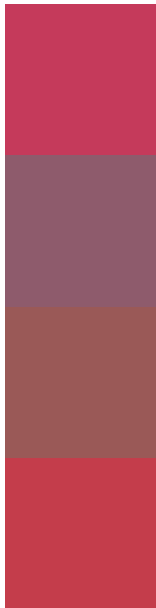
Dichromacy





Tritanopia
C43F42

Trichromacy



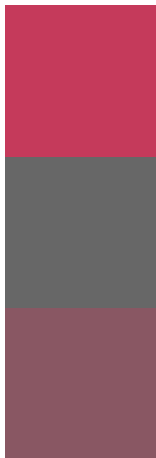
Original Color
C53A5B

Protanomaly
8E5B6C

Deuteranomaly
9A5957

Tritanomaly
C43D4B

Monochromacy



Original Color
C53A5B

Achromatopsia
676767

Achromatomaly
895763

CSS Examples

Text

The CSS property to change the color of the text to Hex C53A5B 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 #C53A5B looks like.

```
.text, #text, p{  
    color:#C53A5B  
}
```

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 #C53A5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C53A5B
}
```

Border

The CSS property to change the border of an element to Hex C53A5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

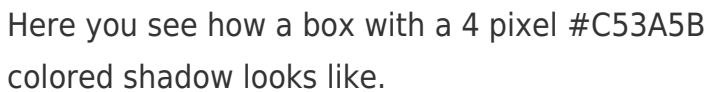
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C53A5B }
```

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

```
.border{ border-color:#C53A5B }
```

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



Here you see how a box with a 4 pixel `#C53A5B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C53A5B; -webkit-box-shadow:4px 4px  
4px 4px #C53A5B; box-shadow:4px 4px 4px  
4px #C53A5B }
```

Background

The CSS property to change the background color of an element to Hex C53A5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C53A5B }
```

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

```
.background{ background-color:#C53A5B }
```

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