

# Converting Colors

Hex(C53A56)

Have a look what the booklet for  
Hex(C53A56) contains.

|  |    |
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# Color

**Hex(C53A56)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | C53A56                     |
| RGB         | 197, 58, 86                |
| RGB Percent | 77%, 23%, 34%              |
| CMY         | 0.2275, 0.7725, 0.6627     |
| CMYK        | 0.00, 0.71, 0.56, 0.23     |
| HSL         | 348°, 55%, 50%             |
| HSV         | 348°, 71%, 77%             |
| XYZ         | 26.2187, 15.5683, 10.4272  |
| YIQ         | 102.7530, 73.8560, 38.1760 |

# Conversions

## Conversions Part 2

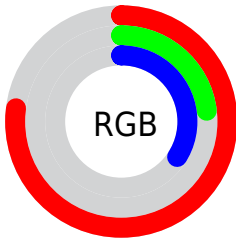
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 197, 58, 86                   |
| Decimal                             | 12925526                      |
| CIE Lab                             | 46.40, 56.50, 16.09           |
| CIE LCh                             | 46, 58.750, 15.894            |
| Yxy                                 | 15.5683, 0.5021,<br>0.2982    |
| Android<br>(android.graphics.Color) | 4291115606<br>(0xFFC53A56)    |
| YUV                                 | 102.7530, -8.2592,<br>82.6546 |
| Hunter-Lab                          | 39.4567, 49.5629,<br>11.9512  |

# Details

The Hex color **C53A56** 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 **3AC5A9**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF7287**, and **890029** is the 20% darker color. If you saturate the color by 10%, you get **C52646**, and if you desaturate by 10%, it is **C54E66**.

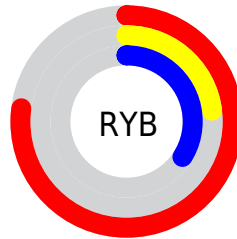
# Distribution



Red (77%)

Green (23%)

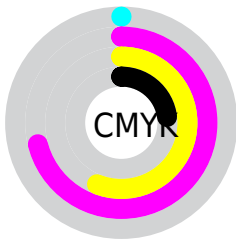
Blue (34%)



Red (77%)

Yellow (23%)

Blue (34%)

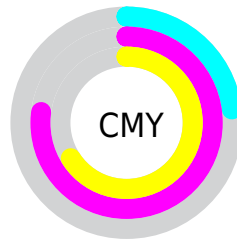


Cyan (0%)

Magenta (71%)

Yellow (56%)

Black (23%)



Cyan (23%)

Magenta (77%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C53A56 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 C53A56 by changing the saturation by 10% instead.



 C53A56

 C53A56

FFFFFF

 A7183F

 FF7287

 890029

 FF8EA2

 6B0016

 FFAABD

 4F0000

 FFC7D8

 330002

 FFE4F5

 000000

 C53A56

 C53A56

 C52646

 C54E66

 C51337

 C56175

 C50028

 C57585

 C58995

 C59DA5

 C5B0B4

 C5C4C4

 C5D8D4

 C5EBE4

# Harmonies

## Analogous

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



BA3D87



C53A56



B74D28

# Triad

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



C53A56



2F7E22



007ACE

# Complementary

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



C53A56



3AC5A9

# 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.



0082B4



C53A56



008354

# Square

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



C53A56



6C7400



008488



326BCD

# Rectangle

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



C53A56



A45C05



008488



007EC8



# Sweetspot

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



C53A56



FFC9D4



A73AC5



806066



000000



808080



# Same Dimension

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



C53A56



FF2652



C5613A



635A5C



A30021



240007



# Inverse Universe

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



C53A56



FF2652



3A9EC5



635A5C



A30021

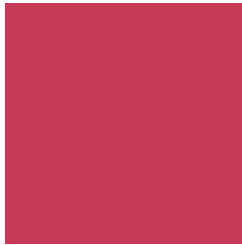


240007



# Previews

## White Background



This preview shows how the Hex color C53A56 looks on a white background.

## Color Contrast Check

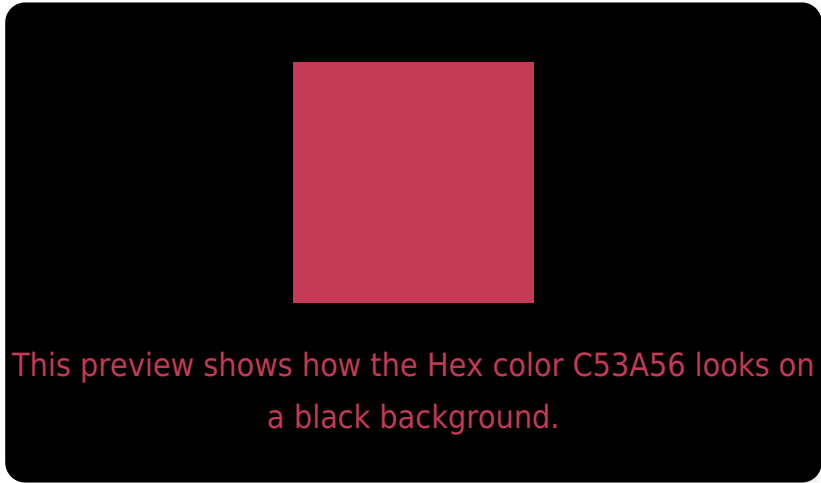
Large Text (above 18pt) WCAG AA ✓ Pass

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 C53A56 Background



This preview shows how black text looks on a background with the Hex color C53A56.

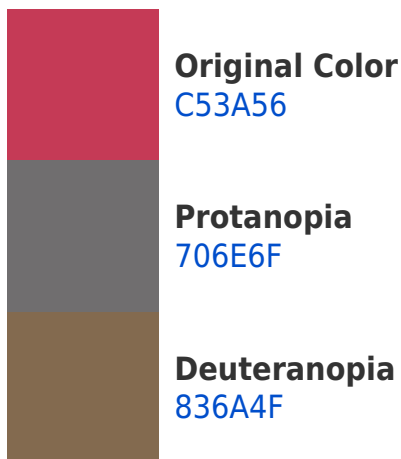



This preview shows how white text looks on a background with the Hex color C53A56.

# 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**  
C43E41

# Trichromacy



**Original Color**  
C53A56

**Protanomaly**  
8F5B66

**Deuteranomaly**  
9B5952

**Tritanomaly**  
C43D49

# Monochromacy



**Original Color**  
C53A56

**Achromatopsia**  
676767

**Achromatomaly**  
895761

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C53A56 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 #C53A56 looks like.

```
.text, #text, p{  
    color:#C53A56  
}
```

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 #C53A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C53A56
}
```

## Border

The CSS property to change the border of an element to Hex C53A56 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
#C53A56 }
```

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

```
.border{ border-color:#C53A56 }
```

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

Here you see how a box with a 4 pixel #C53A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C53A56; -webkit-box-shadow:4px 4px  
4px 4px #C53A56; box-shadow:4px 4px 4px  
4px #C53A56 }
```

# Background

The CSS property to change the background color of an element to Hex C53A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C53A56 }
```

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

```
.background{ background-color:#C53A56 }
```

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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