

Converting Colors

Hex(CF53A1)

Have a look what the booklet for
Hex(CF53A1) contains.

Hex(CF53A1)	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(CF53A1)

Conversions

Conversions Part 1

Format	Color
Hex	CF53A1
RGB	207, 83, 161
RGB Percent	81%, 33%, 63%
CMY	0.1882, 0.6745, 0.3686
CMYK	0.00, 0.60, 0.22, 0.19
HSL	322°, 56%, 57%
HSV	322°, 60%, 81%
XYZ	35.2584, 22.0251, 36.1112
YIQ	128.9680, 48.8660, 50.5460

Conversions

Conversions Part 2

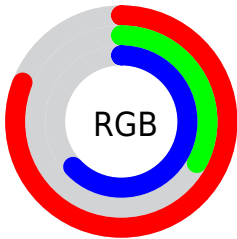
Format	Color
R _Y B	207, 83, 161
Decimal	13587361
CIE Lab	54.05, 57.31, -17.66
CIE LCh	54, 59.965, 342.876
Yxy	22.0251, 0.3775, 0.2358
Android (android.graphics.Color)	4291777441 (0xFFCF53A1)
YUV	128.9680, 15.7918, 68.4341
Hunter-Lab	46.9309, 51.9749, -12.7692

Details

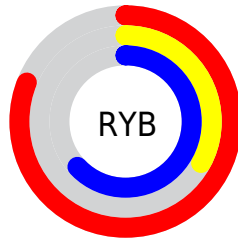
The Hex color **CF53A1** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **53CF81**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF8AD8**, and **95146D** is the 20% darker color. If you saturate the color by 10%, you get **CF3E99**, and if you desaturate by 10%, it is **CF68A9**.

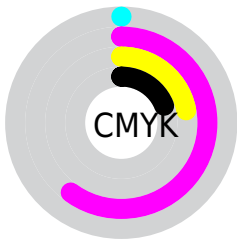
Distribution



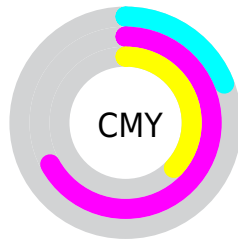
- Red (81%)
- Green (33%)
- Blue (63%)



- Red (81%)
- Yellow (33%)
- Blue (63%)



- Cyan (0%)
- Magenta (60%)
- Yellow (22%)
- Black (19%)



- Cyan (19%)
- Magenta (67%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF53A1 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 CF53A1 by changing the saturation by 10% instead.

 CF53A1

 CF53A1

FFFFFF

 B23687

 FF8AD8

 95146D

 FFA6F4

 790055

 FFC3FF

 5E003E

 FFE0FF

 430028

 FFFDFD

 290012

 000000

 CF53A1

 CF53A1

 CF3E99

 CF68A9

 CF2A92

 CF7CB0

 CF158A

 CF91B8

 CF0082

 CFA6C0

 CFBBC7

 CFCFCF

 CFE4D7

 CFF9DE

 CFFFE6

Harmonies

Analogous

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



A069CE



CF53A1



DE4E6D

Triad

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



CF53A1



868600



0097C7

Complementary

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



CF53A1



53CF81

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.



009997



CF53A1



4B912F

Square

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



CF53A1



B37411



009761



008FE4

Rectangle

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



CF53A1



D9574C



009761



0098B8

Sweetspot

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



CF53A1



FFD1EE



8053CF



806375



000000



808080

Same Dimension

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



CF53A1



FF47BB



CF5364



695E65



A8006A



29001A

Inverse Universe

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



CF53A1



FF47BB



53CFBE



695E65



A8006A



29001A

Previews

White Background



This preview shows how the Hex color CF53A1 looks on a white background.

Color Contrast Check

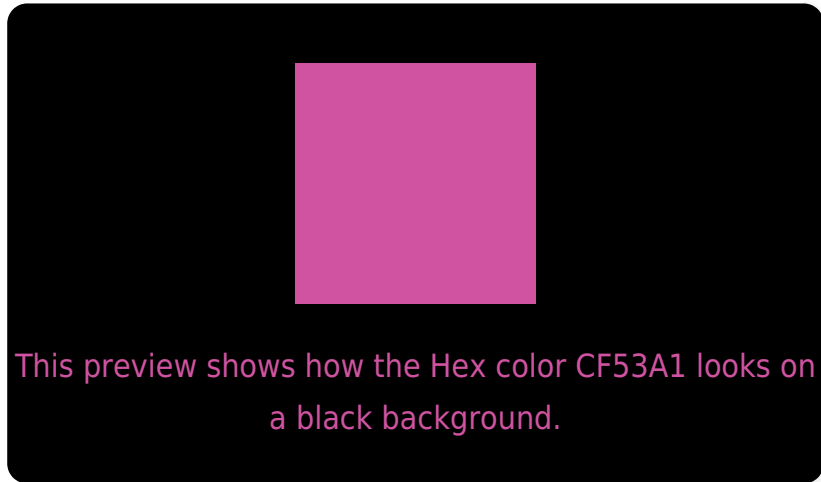
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 CF53A1 Background



This preview shows how black text looks on a background with the Hex color CF53A1.



This preview shows how white text looks on a background with the Hex color CF53A1.

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

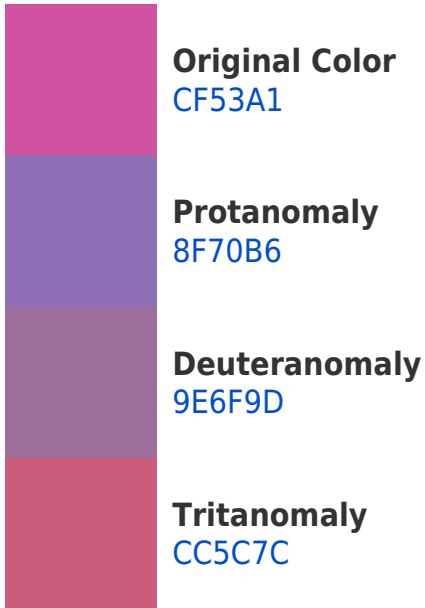


Original Color
CF53A1

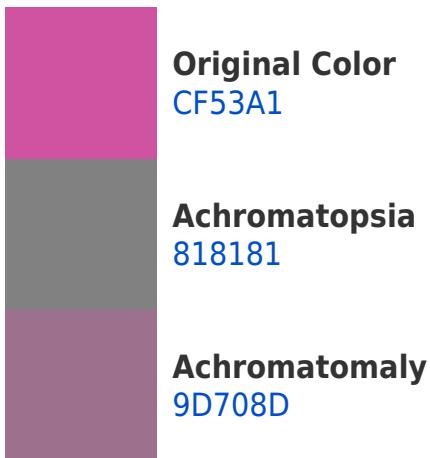
Protanopia
6B80C2

Deuteranopia
827F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CF53A1 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 #CF53A1 looks like.

```
.text, #text, p{  
    color:#CF53A1  
}
```

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 #CF53A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF53A1
}
```

Border

The CSS property to change the border of an element to Hex CF53A1 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
#CF53A1 }
```

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

```
.border{ border-color:#CF53A1 }
```

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

Here you see how a box with a 4 pixel #CF53A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF53A1; -webkit-box-shadow:4px 4px  
4px 4px #CF53A1; box-shadow:4px 4px 4px  
4px #CF53A1 }
```

Background

The CSS property to change the background color of an element to Hex CF53A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF53A1 }
```

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

```
.background{ background-color:#CF53A1 }
```

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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