

# Converting Colors

Android(4291053395)

Have a look what the booklet for  
Android(4291053395) contains.

<b>Android(4291053395)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4291053395)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C44753
RGB	196, 71, 83
RGB Percent	77%, 28%, 33%
CMY	0.2314, 0.7216, 0.6745
CMYK	0.00, 0.64, 0.58, 0.23
HSL	354°, 51%, 52%
HSV	354°, 64%, 77%
XYZ	26.5795, 16.8668, 10.0383
YIQ	109.7430, 70.6480, 30.2320

# Conversions

## Conversions Part 2

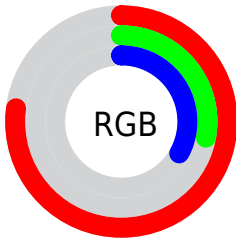
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 71, 83
Decimal	12863315
CIE <sub>Lab</sub>	48.09, 50.71, 20.15
CIE <sub>LCh</sub>	48, 54.569, 21.673
Yxy	16.8668, 0.4970, 0.3154
Android (android.graphics.Color)	4291053395 (0xFFC44753)
YUV	109.7430, -13.1843, 75.6474
Hunter-Lab	41.0692, 43.6522, 14.2565

# Details

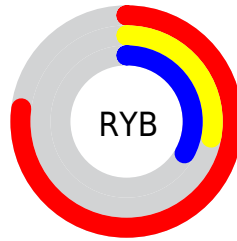
The Android color **4291053395** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **4282893496**, and the grayscale version is **4285427310**.

A 20% lighter version of the original color is **4294933892**, and **4287104038** is the 20% darker color. If you saturate the color by 10%, you get **4291048257**, and if you desaturate by 10%, it is **4291058533**.

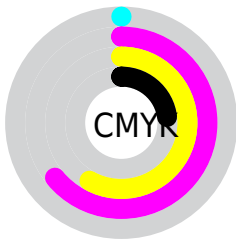
# Distribution



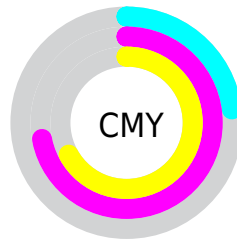
- Red (77%)
- Green (28%)
- Blue (33%)



- Red (77%)
- Yellow (28%)
- Blue (33%)



- Cyan (0%)
- Magenta (64%)
- Yellow (58%)
- Black (23%)



- Cyan (23%)
- Magenta (72%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291053395 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 Android color 4291053395 by changing the saturation by 10% instead.





4291053395



4291053395

4294967295



4289080124



4294933892



4287104038



4294941086



4285202450



4294948281



4283367424



4294955477



4281597954



4294962929



4278190080



4291053395



4291053395



4291048257



4291058533




4291043376



4291063414


 4291038238

 4291068552

 4291035155

 4291073434

 4291078572

 4291083709

 4291088591

 4291093729

 4291098610

# Harmonies

## Analogous

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



4290659969



4291053395



4290009130

# Triad

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



4291053395



4280976181



4278221774

# Complementary

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



4291053395



4282893496

# 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.



4278224058



4291053395



4278224739

# Square

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



4291053395



4285102603



4278225043



4283984840

# Rectangle

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



4291053395



4288701713



4278225043



4278222794



# Sweetspot

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



4291053395



4294954963



4290267076



4286603877



4278190080



4286611584



# Same Dimension

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



4291053395



4294916941



4291066183



4284569432



4288741391



4280352771



# Inverse Universe

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



4291053395



4294916941



4282880708



4284569432



4288741391

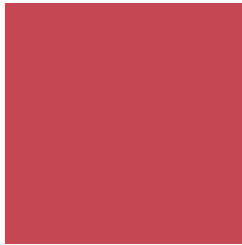


4280352771



# Previews

## White Background



This preview shows how the Android color 4291053395 looks on a white background.

## Color Contrast Check

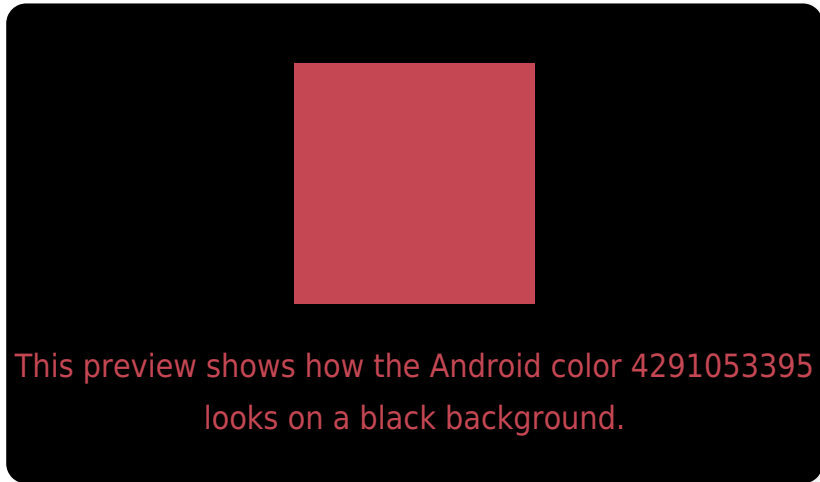
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



# Android 4291053395 Background



This preview shows how black text looks on a background with the Android color 4291053395.

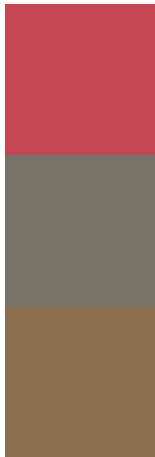


This preview shows how white text looks on a background with the Android color 4291053395.

# 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**  
4291053395

**Protanopia**  
4286083687

**Deuteranopia**  
4287262285



# Trichromacy



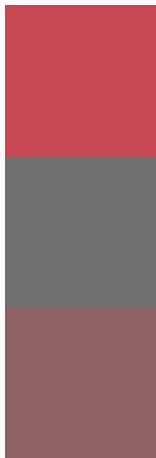
**Original Color**  
4291053395

**Protanomaly**  
4287914592

**Deuteranomaly**  
4288634959

**Tritanomaly**  
4291053647

# Monochromacy



**Original Color**  
4291053395

**Achromatopsia**  
4285427310

**Achromatomaly**  
4287455332

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291053395 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 `rgb(196, 71, 83)` looks like.

```
.text, #text, p{  
    color:rgb(196, 71, 83)  
}
```

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 rgb(196, 71, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 71, 83) }
```

## Border

The CSS property to change the border of an element to Android 4291053395 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 rgb(196, 71, 83) }
```

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

```
.border{ border-color:rgb(196, 71, 83) }
```

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

Here you see how a box with a 4 pixel rgb(196, 71, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 71, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 71, 83);  
box-shadow:4px 4px 4px 4px rgb(196, 71,  
83) }
```

# Background

The CSS property to change the background color of an element to Android 4291053395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 71, 83) }
```

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

```
.background{ background-color: rgb(196, 71,  
83) }
```

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