

# Converting Colors

Android(4291512158)

Have a look what the booklet for  
Android(4291512158) contains.

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# Color

**Android(4291512158)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB475E
RGB	203, 71, 94
RGB Percent	80%, 28%, 37%
CMY	0.2039, 0.7216, 0.6314
CMYK	0.00, 0.65, 0.54, 0.20
HSL	350°, 56%, 54%
HSV	350°, 65%, 80%
XYZ	28.9022, 18.0111, 12.5429
YIQ	113.0900, 71.2890, 35.1370

# Conversions

## Conversions Part 2

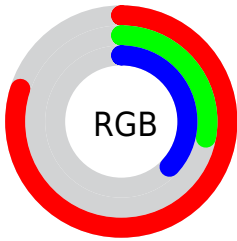
<b>Format</b>	<b>Color</b>
<b>RYB</b>	203, 71, 94
Decimal	13322078
CIELab	49.51, 53.86, 15.63
CIElCh	50, 56.082, 16.186
Yxy	18.0111, 0.4861, 0.3029
Android (android.graphics.Color)	4291512158 (0xFFCB475E)
YUV	113.0900, -9.4114, 78.8511
Hunter-Lab	42.4395, 47.2931, 12.1847

# Details

The Android color **4291512158** 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 **4282895284**, and the grayscale version is **4285624689**.

A 20% lighter version of the original color is **4294934160**, and **4287561776** is the 20% darker color. If you saturate the color by 10%, you get **4291507021**, and if you desaturate by 10%, it is **4291517295**.

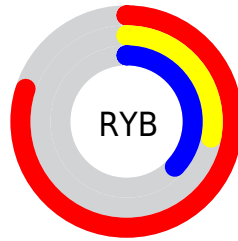
# Distribution



Red (80%)

Green (28%)

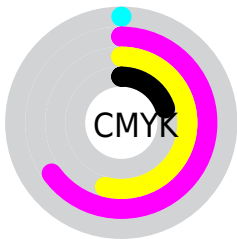
Blue (37%)



Red (80%)

Yellow (28%)

Blue (37%)

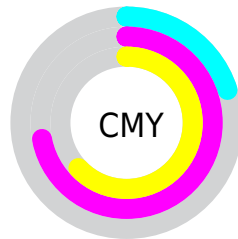


Cyan (0%)

Magenta (65%)

Yellow (54%)

Black (20%)



Cyan (20%)

Magenta (72%)


Yellow (63%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291512158 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 4291512158 by changing the saturation by 10% instead.



 4291512158

 4291512158

4294967295

 4289538631

 4294934160

 4287561776

 4294941355

 4285661212

 4294948550

 4283760641


 4294956002


 4282056706


 4294963454


 4279500800

 4278190080


 4291512158

 4291512158


 4291507021

 4291517295

 4291501628


 4291522688


 4291496492


 4291527824


 4291493923


 4291532961

 4291538354

 4291543491

 4291548627

 4291553764

 4291559157

# Harmonies

## Analogous

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



4290792078



4291512158



4290664242

# Triad

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



4291512158



4282090798



4278223314

# Complementary

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



4291512158



4282895284

# 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.



4278225338



4291512158



4278225757

# Square

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



4291512158



4285889283



4278226063



4282741458

# Rectangle

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



4291512158



4289422616



4278226063



4278224333



# Sweetspot

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



4291512158



4294954197



4289939403



4286603622



4278190080



4286611584



# Same Dimension

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



4291512158



4294916187



4291522887



4284898398



4289069085



4280680455



# Inverse Universe

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



4291512158



4294916187



4282884555



4284898398



4289069085



4280680455



# Previews

## White Background



This preview shows how the Android color 4291512158 looks on a white background.

## Color Contrast Check

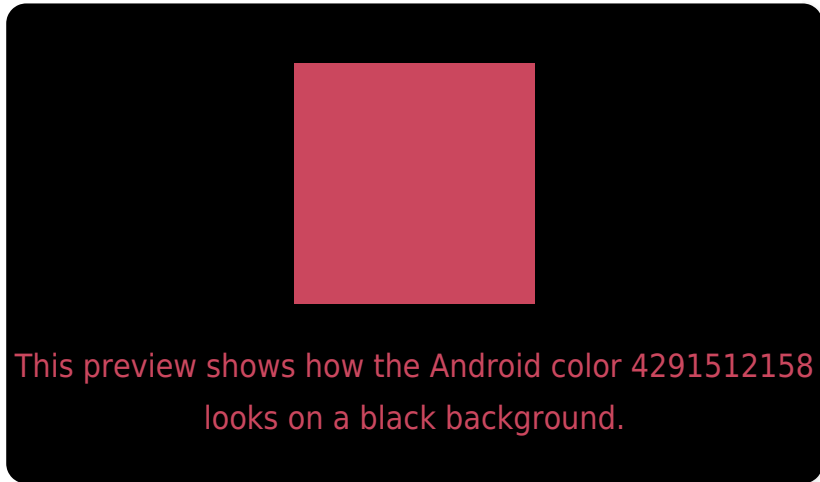
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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](#).



# Android 4291512158 Background



This preview shows how black text looks on a background with the Android color 4291512158.



This preview shows how white text looks on a background with the Android color 4291512158.

# 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





# Trichromacy



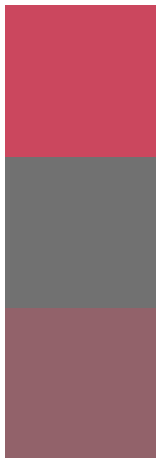
**Original Color**  
4291512158

**Protanomaly**  
4288111981

**Deuteranomaly**  
4288897626

**Tritanomaly**  
4291447124

# Monochromacy



**Original Color**  
4291512158

**Achromatopsia**  
4285624689

**Achromatomaly**  
4287783530

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291512158 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(203, 71, 94)` looks like.

```
.text, #text, p{  
    color:rgb(203, 71, 94)  
}
```

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(203, 71, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 71, 94) }
```

## Border

The CSS property to change the border of an element to Android 4291512158 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(203, 71, 94) }
```

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

```
.border{ border-color:rgb(203, 71, 94) }
```

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

Here you see how a box with a 4 pixel rgb(203, 71, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 71, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 71, 94);  
box-shadow:4px 4px 4px 4px rgb(203, 71,  
94) }
```

# Background

The CSS property to change the background color of an element to Android 4291512158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 71, 94) }
```

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

```
.background{ background-color: rgb(203, 71,  
94) }
```

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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