

Converting Colors

Android(4291507566)

Have a look what the booklet for
Android(4291507566) contains.

Android(4291507566)	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

Android(4291507566)

Conversions

Conversions Part 1

Format	Color
Hex	CB356E
RGB	203, 53, 110
RGB Percent	80%, 21%, 43%
CMY	0.2039, 0.7922, 0.5686
CMYK	0.00, 0.74, 0.46, 0.20
HSL	337°, 59%, 50%
HSV	337°, 74%, 80%
XYZ	28.7162, 16.3685, 16.3978
YIQ	104.3480, 71.1030, 49.5270

Conversions

Conversions Part 2

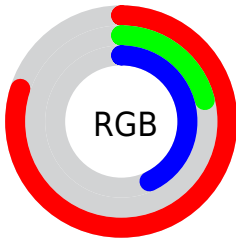
Format	Color
R_{YB}	203, 53, 110
Decimal	13317486
CIE Lab	47.45, 62.00, 3.00
CIE LCh	47, 62.068, 2.767
Yxy	16.3685, 0.4671, 0.2662
Android (android.graphics.Color)	4291507566 (0xFFCB356E)
YUV	104.3480, 2.7864, 86.5178
Hunter-Lab	40.4580, 55.8937, 4.2902

Details

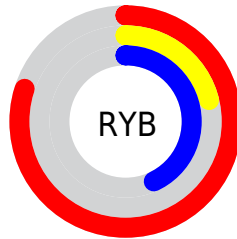
The Android color **4291507566** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **4281715602**, and the grayscale version is **4285032552**.

A 20% lighter version of the original color is **4294930593**, and **4287561791** is the 20% darker color. If you saturate the color by 10%, you get **4291502433**, and if you desaturate by 10%, it is **4291512699**.

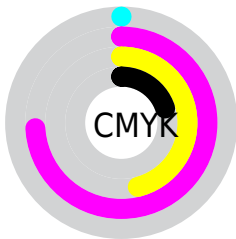
Distribution



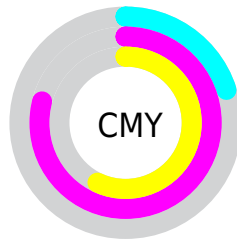
- Red (80%)
- Green (21%)
- Blue (43%)



- Red (80%)
- Yellow (21%)
- Blue (43%)



- Cyan (0%)
- Magenta (74%)
- Yellow (46%)
- Black (20%)





- Cyan (20%)
- Magenta (79%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291507566 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 4291507566 by changing the saturation by 10% instead.

 4291507566

 4291507566

4294967295

 4289530710

 4294930593

 4287561791

 4294937788

 4285661225

 4294945240

 4283760661


 4294952692


 4281991170


 4294960127


 4279369728

 4278190080

 4291507566

 4291507566


 4291502433


 4291512699


 4291497045


 4291518087

 4291493965

 4291523220

 4291528352

 4291533741

 4291538874

 4291544006

 4291549139

 4291554527

Harmonies

Analogous

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



4289873313



4291507566



4291248699

Triad

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



4291507566



428333888



4278223566

Complementary

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



4291507566



4281715602

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.



4278224808



4291507566



4278224190

Square

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



4291507566



4286869504



4278225012



4278220506

Rectangle

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



4291507566



4290204442



4278225012



4278224323

Sweetspot

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



4291507566



4294952924



4287772107



4286602859



4278190080



4286611584

Same Dimension

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



4291507566



4294909042



4291512117



4284898400



4289069119



4280680463

Inverse Universe

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



4291507566



4294909042



4281711051



4284898400



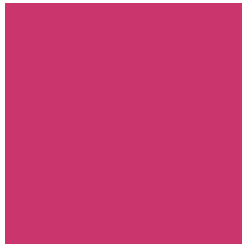
4289069119



4280680463

Previews

White Background



This preview shows how the Android color 4291507566 looks on a white background.

Color Contrast Check

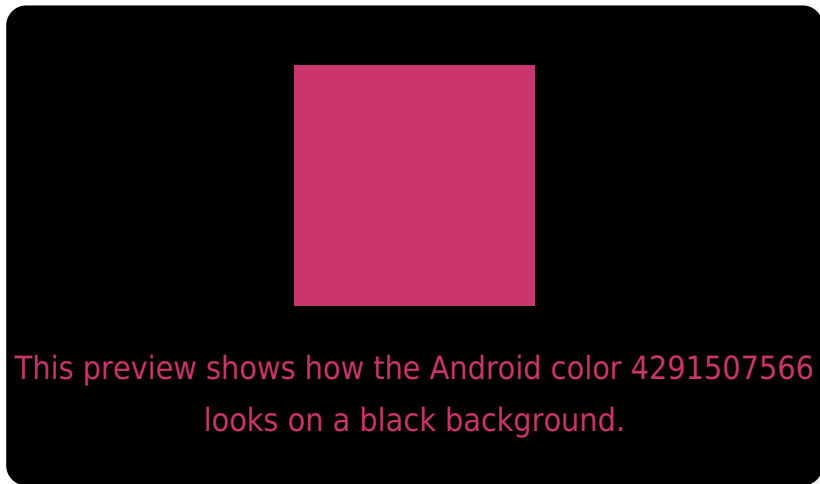
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291507566 Background



This preview shows how black text looks on a background with the Android color 4291507566.



This preview shows how white text looks on a background with the Android color 4291507566.

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

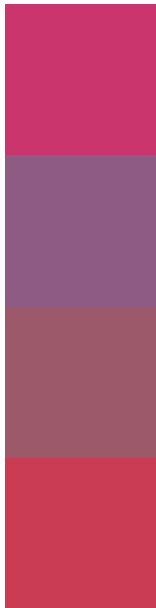


Original Color
4291507566

Protanopia
4285100177

Deuteranopia
4286606695

Trichromacy



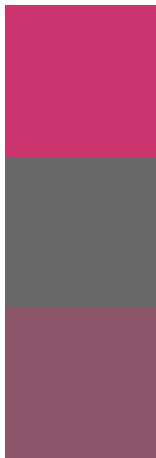
Original Color
4291507566

Protanomaly
4287454084

Deuteranomaly
4288371050

Tritanomaly
4291378259

Monochromacy



Original Color
4291507566

Achromatopsia
4285032552

Achromatomaly
4287386986

CSS Examples

Text

The CSS property to change the color of the text to Android 4291507566 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, 53, 110)` looks like.

```
.text, #text, p{  
    color:rgb(203, 53, 110)  
}
```

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, 53, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 53, 110) }
```

Border

The CSS property to change the border of an element to Android 4291507566 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, 53, 110) }
```

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

```
.border{ border-color:rgb(203, 53, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 53, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 53, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 53, 110);  
box-shadow:4px 4px 4px 4px rgb(203, 53,  
110) }
```

Background

The CSS property to change the background color of an element to Android 4291507566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 53, 110) }
```

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

```
.background{ background-color: rgb(203, 53,  
110) }
```

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