

Converting Colors

Android(4291912355)

Have a look what the booklet for
Android(4291912355) contains.

Android(4291912355)	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(4291912355)

Conversions

Conversions Part 1

Format	Color
Hex	D162A3
RGB	209, 98, 163
RGB Percent	82%, 38%, 64%
CMY	0.1804, 0.6157, 0.3608
CMYK	0.00, 0.53, 0.22, 0.18
HSL	325°, 55%, 60%
HSV	325°, 53%, 82%
XYZ	37.2730, 24.9350, 37.4988
YIQ	138.5990, 45.2910, 43.7470

Conversions

Conversions Part 2

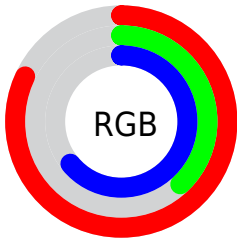
Format	Color
R_{YB}	209, 98, 163
Decimal	13722275
CIE _{Lab}	57.01, 51.27, -14.31
CIE _{LCh}	57, 53.230, 344.409
Yxy	24.9350, 0.3738, 0.2501
Android (android.graphics.Color)	4291912355 (0xFFD162A3)
YUV	138.5990, 12.0297, 61.7417
Hunter-Lab	49.9350, 45.8518, -9.5695

Details

The Android color `4291912355` is a light color, and the websafe version is hex `CC6699`. A complement of this color would be `4284666256`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4294940890`, and `4288162671` is the 20% darker color. If you saturate the color by 10%, you get `4291906970`, and if you desaturate by 10%, it is `4291917740`.

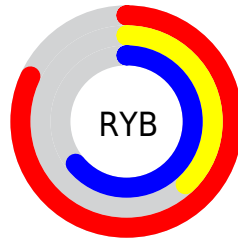
Distribution



Red (82%)

Green (38%)

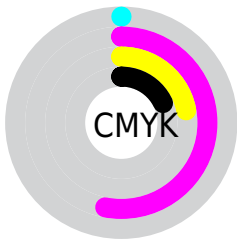
Blue (64%)



Red (82%)

Yellow (38%)

Blue (64%)

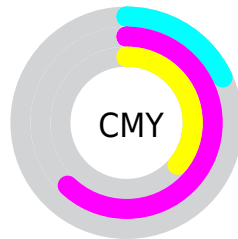


Cyan (0%)

Magenta (53%)

Yellow (22%)

Black (18%)



Cyan (18%)

Magenta (62%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291912355 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 4291912355 by changing the saturation by 10% instead.

 4291912355

 4291912355

4294967295

 4290004873

 4294940890

 4288162671

 4294948086

 4286318167

 4294955519


 4284547135

 4294962943

 4282777641

 4281204757


 4278190080

 4291912355

 4291912355


 4291906970

 4291917740


 4291901586

 4291923124

 4291896201


 4291928509

 4291890816


 4291933894


 4291887226

 4291939278

 4291944407

 4291949792

 4291952616

 4291952625

Harmonies

Analogous

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



4289229772



4291912355



4292763508

Triad

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



4291912355



4287401254



4278230473

Complementary

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



4291912355



4284666256

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.



4278230942



4291912355



4283996227

Square

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



4291912355



4290149931



4278230638



4278228450

Rectangle

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



4291912355



4292437591



4278230638



4278230716

Sweetspot

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



4291912355



4294956782



4287521489



4286605173



4278190080



4286611584

Same Dimension

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



4291912355



4294925499



4291912301



4285095524



4289200227



4280877080

Inverse Universe

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



4291912355



4294925499



4284666310



4285095524



4289200227



4280877080

Previews

White Background



This preview shows how the Android color 4291912355 looks on a white background.

Color Contrast Check

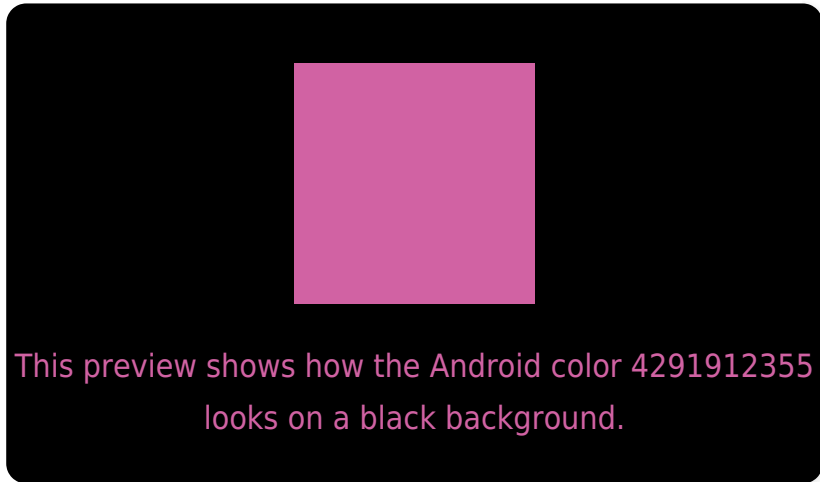
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Android 4291912355 Background



This preview shows how black text looks on a background with the Android color 4291912355.



This preview shows how white text looks on a background with the Android color 4291912355.

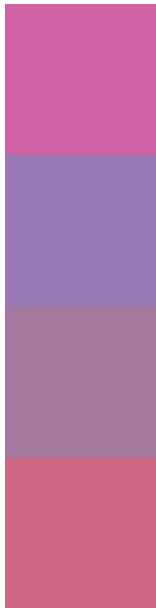
Color Blindness Simulation

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
4291912355

Protanomaly
4288248500

Deuteranomaly
4289100191

Tritanomaly
4291717253

Monochromacy



Original Color
4291912355

Achromatopsia
4287335307

Achromatomaly
4288969876

CSS Examples

Text

The CSS property to change the color of the text to Android 4291912355 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(209, 98, 163)` looks like.

```
.text, #text, p{  
    color:rgb(209, 98, 163)  
}
```

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(209, 98, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 98, 163) }
```

Border

The CSS property to change the border of an element to Android 4291912355 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(209, 98, 163) }
```

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

```
.border{ border-color:rgb(209, 98, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 98, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 98, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 98, 163);  
box-shadow:4px 4px 4px 4px rgb(209, 98,  
163) }
```

Background

The CSS property to change the background color of an element to Android 4291912355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 98, 163) }
```

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

```
.background{ background-color: rgb(209, 98,  
163) }
```

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