

Converting Colors

Android(4291454962)

Have a look what the booklet for
Android(4291454962) contains.

Android(4291454962)	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(4291454962)

Conversions

Conversions Part 1

Format	Color
Hex	CA67F2
RGB	202, 103, 242
RGB Percent	79%, 40%, 95%
CMY	0.2078, 0.5961, 0.0510
CMYK	0.17, 0.57, 0.00, 0.05
HSL	283°, 84%, 68%
HSV	283°, 57%, 95%
XYZ	45.2344, 28.6679, 87.1537
YIQ	148.4470, 14.3850, 64.2170

Conversions

Conversions Part 2

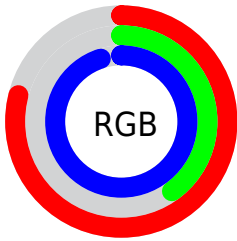
Format	Color
R _{YB}	202, 103, 242
Decimal	13264882
CIE _{Lab}	60.49, 60.69, -53.82
CIE _{LCh}	60, 81.115, 318.430
Yxy	28.6679, 0.2809, 0.1780
Android (android.graphics.Color)	4291454962 (0xFFCA67F2)
YUV	148.4470, 46.1216, 46.9660
Hunter-Lab	53.5424, 57.1036, -59.0298

Details

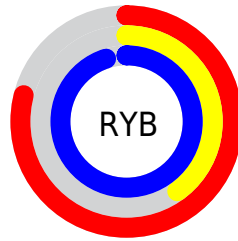
The Android color `4291454962` is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be `4287623783`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4294942463`, and `4287705017` is the 20% darker color. If you saturate the color by 10%, you get `4290990066`, and if you desaturate by 10%, it is `4291919858`.

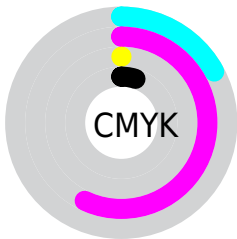
Distribution



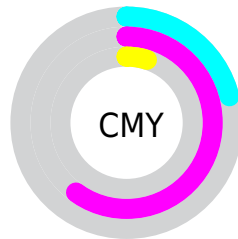
- Red (79%)
- Green (40%)
- Blue (95%)



- Red (79%)
- Yellow (40%)
- Blue (95%)



- Cyan (17%)
- Magenta (57%)
- Yellow (0%)
- Black (5%)




- Cyan (21%)
- Magenta (60%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291454962 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 4291454962 by changing the saturation by 10% instead.

 4291454962

 4291454962

4294967295

 4289547477

 4294942463

 4287705017

 4294949631

 4285860766

 4294957055

 4284022915

 4294964479

 4282187881


 4280549456

 4278190136


 4278190626

 4278190087

 4291454962

 4291454962

 4290990066

 4291919858

 4290525170

 4292384754

 4290060018

 4292849906

 4289595122

 4293314802

 4289462514

 4293779698

 4294244594

 4294705138

 4294967282

Harmonies

Analogous

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



4282223615



4291454962



4294918321

Triad

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



4291454962



4291265792



4278235581

Complementary

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



4291454962



4287623783

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.



4278234995



4291454962



4287077376

Square

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



4291454962



4294337316



4279478565



4278234876

Rectangle

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



4291454962



4294916225



4279478565



4278235557

Sweetspot

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



4291454962



4294169855



4284977650



4286080640



4278190080



4286611584

Same Dimension

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



4291454962



4291579903



4294076374



4285820024



4286775480



4280811576

Inverse Universe

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



4294076303



4294922114



4285002371



4286082159



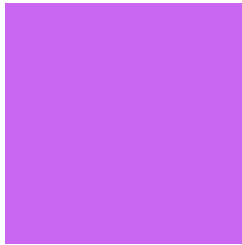
4290248757



4281860112

Previews

White Background



This preview shows how the Android color 4291454962 looks on a white background.

Color Contrast Check

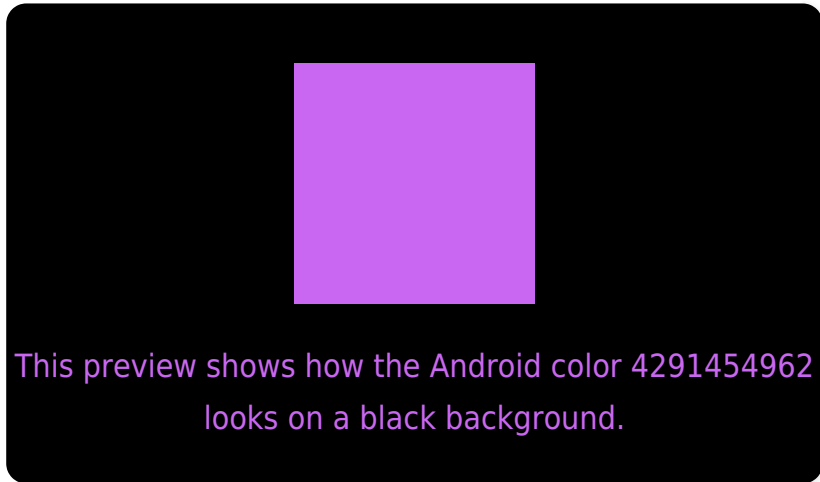
Large Text (above 18pt) WCAG AA ✓ Pass

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

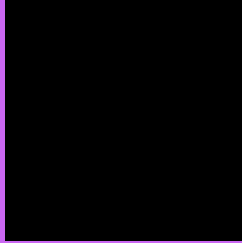
Any Text WCAG AA ✓ Pass

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 4291454962 Background



This preview shows how black text looks on a background with the Android color 4291454962.



This preview shows how white text looks on a background with the Android color 4291454962.

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





Tritanopia
4290478732

Trichromacy



Original Color
4291454962



Protanomaly
4286939386



Deuteranomaly
4287005421



Tritanomaly
4290803889

Monochromacy



Original Color
4291454962



Achromatopsia
4287927444



Achromatomaly
4289234102

CSS Examples

Text

The CSS property to change the color of the text to Android 4291454962 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(202, 103, 242)` looks like.

```
.text, #text, p{  
    color:rgb(202, 103, 242)  
}
```

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(202, 103, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 103, 242) }
```

Border

The CSS property to change the border of an element to Android 4291454962 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(202, 103, 242) }
```

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

```
.border{ border-color:rgb(202, 103, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 103, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 103, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 103, 242);  
box-shadow:4px 4px 4px 4px rgb(202, 103,  
242) }
```

Background

The CSS property to change the background color of an element to Android 4291454962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 103, 242) }
```

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

```
.background{ background-color: rgb(202,  
103, 242) }
```

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