

Converting Colors

Android(4292695513)

Have a look what the booklet for
Android(4292695513) contains.

Android(4292695513)	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(4292695513)

Conversions

Conversions Part 1

Format	Color
Hex	DD55D9
RGB	221, 85, 217
RGB Percent	87%, 33%, 85%
CMY	0.1333, 0.6667, 0.1490
CMYK	0.00, 0.62, 0.02, 0.13
HSL	302°, 67%, 60%
HSV	302°, 62%, 87%
XYZ	45.5917, 26.8789, 68.4308
YIQ	140.7120, 38.6840, 69.8840

Conversions

Conversions Part 2

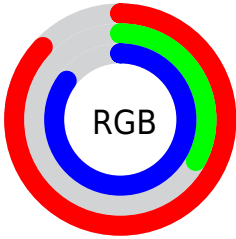
Format	Color
R _{YB}	221, 85, 217
Decimal	14505433
CIE _{Lab}	58.86, 68.72, -42.24
CIE _{LCh}	59, 80.662, 328.420
Yxy	26.8789, 0.3236, 0.1908
Android (android.graphics.Color)	4292695513 (0xFFDD55D9)
YUV	140.7120, 37.6100, 70.4126
Hunter-Lab	51.8449, 66.2420, -41.9664

Details

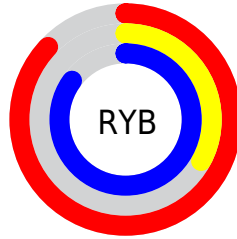
The Android color `4292695513` is a light color, and the websafe version is hex `CC33CC`. The color can be described as light muted magenta. A complement of this color would be `4283817305`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4294938367`, and `4288875426` is the 20% darker color. If you saturate the color by 10%, you get `4292689880`, and if you desaturate by 10%, it is `4292701146`.

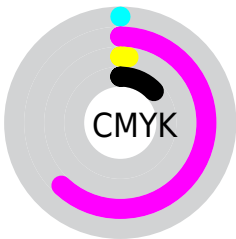
Distribution



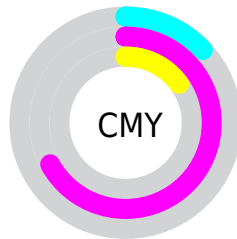
- Red (87%)
- Green (33%)
- Blue (85%)



- Red (87%)
- Yellow (33%)
- Blue (85%)



- Cyan (0%)
- Magenta (62%)
- Yellow (2%)
- Black (13%)



- Cyan (13%)
- Magenta (67%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292695513 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 4292695513 by changing the saturation by 10% instead.



4292695513



4292695513

4294967295



4290787005



4294938367



4288875426



4294945791



4286972039



4294953215



4285137005



4294960895



4283301972



4281729085



4279566374



4278190350



4278190080

 4292695513

 4292695513

 4292689880

 4292701146

 4292684248

 4292706778

 4292678615

 4292712411

 4292673750

 4292718044

 4292723676

 4292729565

 4292735198

 4292739038

 4292739039

Harmonies

Analogous

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



4286414079



4292695513



4294914965

Triad

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



4292695513



4289628672



4278234320

Complementary

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



4292695513



4283817305

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.



4278234248



4292695513



4285046016

Square

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



4292695513



4293094144



4278232893



4278233087

Rectangle

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



4292695513



4294916710



4278232893



4278234297

Sweetspot

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



4292695513



4294955518



4283913693



4286604159



4278190080



4286611584

Same Dimension

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



4292695513



4294918905



4292695447



4285424493



4289527976



4281204781

Inverse Universe

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



4292695513



4294918905



4283817371



4285424493



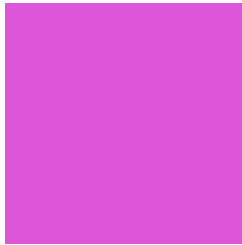
4289527976



4281204781

Previews

White Background



This preview shows how the Android color 4292695513 looks on a white background.

Color Contrast Check

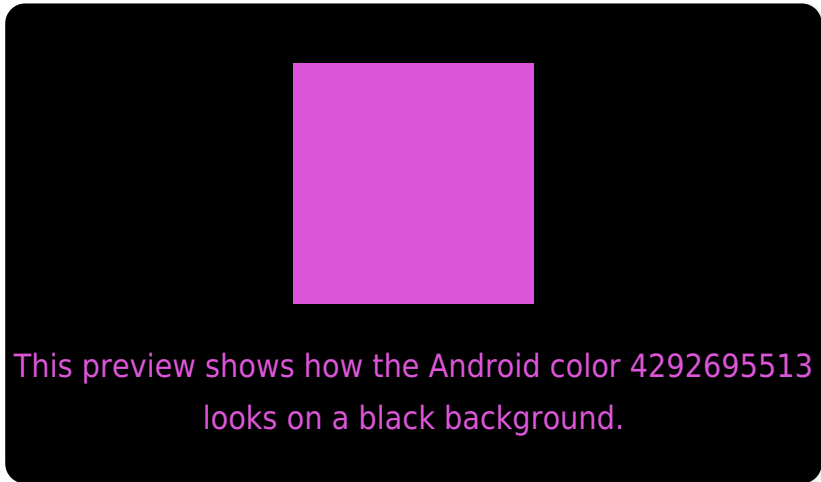
Large Text (above 18pt) WCAG AA ✓ Pass

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

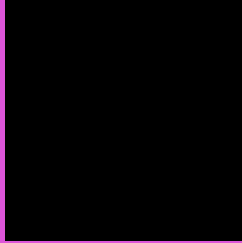
Any Text WCAG AA ✓ Pass

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 4292695513 Background



This preview shows how black text looks on a background with the Android color 4292695513.



This preview shows how white text looks on a background with the Android color 4292695513.

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
4291981433

Trichromacy



Original Color
4292695513



Protanomaly
4287002609



Deuteranomaly
4288248275



Tritanomaly
4292241052

Monochromacy



Original Color
4292695513



Achromatopsia
4287466893



Achromatomaly
4289362345

CSS Examples

Text

The CSS property to change the color of the text to Android 4292695513 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(221, 85, 217)` looks like.

```
.text, #text, p{  
    color:rgb(221, 85, 217)  
}
```

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(221, 85, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 85, 217) }
```

Border

The CSS property to change the border of an element to Android 4292695513 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(221, 85, 217) }
```

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

```
.border{ border-color:rgb(221, 85, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 85, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 85, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 85, 217);  
box-shadow:4px 4px 4px 4px rgb(221, 85,  
217) }
```

Background

The CSS property to change the background color of an element to Android 4292695513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 85, 217) }
```

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

```
.background{ background-color: rgb(221, 85,  
217) }
```

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