

Converting Colors

Android(4292361712)

Have a look what the booklet for
Android(4292361712) contains.

Android(4292361712)	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(4292361712)

Conversions

Conversions Part 1

Format	Color
Hex	D83DF0
RGB	216, 61, 240
RGB Percent	85%, 24%, 94%
CMY	0.1529, 0.7608, 0.0588
CMYK	0.10, 0.75, 0.00, 0.06
HSL	292°, 86%, 59%
HSV	292°, 75%, 94%
XYZ	45.7158, 24.2277, 84.7050
YIQ	127.7510, 34.9210, 88.5290

Conversions

Conversions Part 2

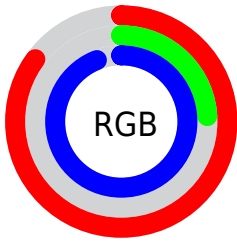
Format	Color
R _Y B	216, 61, 240
Decimal	14171632
CIE Lab	56.32, 80.05, -59.26
CIE LCh	56, 99.599, 323.488
Yxy	24.2277, 0.2956, 0.1567
Android (android.graphics.Color)	4292361712 (0xFFD83DF0)
YUV	127.7510, 55.3388, 77.3944
Hunter-Lab	49.2216, 79.6485, -67.5764

Details

The Android color `4292361712` is a light color, and the websafe version is hex `CC00CC`. The color can be described as light washed magenta. A complement of this color would be `4283822141`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4294933759`, and `4288479415` is the 20% darker color. If you saturate the color by 10%, you get `4292158960`, and if you desaturate by 10%, it is `4292564464`.

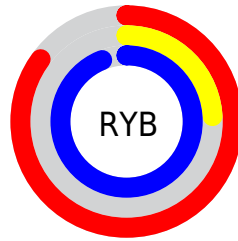
Distribution



Red (85%)

Green (24%)

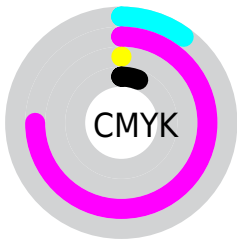
Blue (94%)



Red (85%)

Yellow (24%)

Blue (94%)

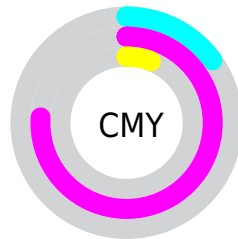


Cyan (10%)

Magenta (75%)

Yellow (0%)

Black (6%)



Cyan (15%)

Magenta (76%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292361712 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 4292361712 by changing the saturation by 10% instead.

 4292361712

 4292361712

4294967295

 4290383827

 4294933759

 4288479415

 4294941183

 4286513308

 4294948863

 4284678273

 4294956287

 4282777703

 4294963967

 4280942670

 4278190134

 4278190623

 4278190083

4292361712

4292361712

4292158960

4292564464

4291956208

4292767216

4291821808

4293035504

4293238256

4293441008

4293643760

4293912048

4294114800

4294311920

Harmonies

Analogous

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



4280121855



4292361712



4294901918

Triad

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



4292361712



4290018560



4278233803

Complementary

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



4292361712



4283822141

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.



4278233201



4292361712



4284651008

Square

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



4292361712



4294004480



4278231808



4278233087

Rectangle

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



4292361712



4294901861



4278231808



4278233773

Sweetspot

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



4292361712



4294428671



4282210544



4286275200



4278190080



4286611584

Same Dimension

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



4292361712



4292876799



4293934513



4285951096



4288610488



4281401400

Inverse Universe

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



4293934421



4294908216



4282249340



4286082157



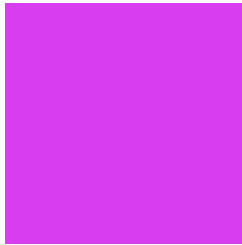
4290248729



4281860104

Previews

White Background



This preview shows how the Android color 4292361712 looks on a white background.

Color Contrast Check

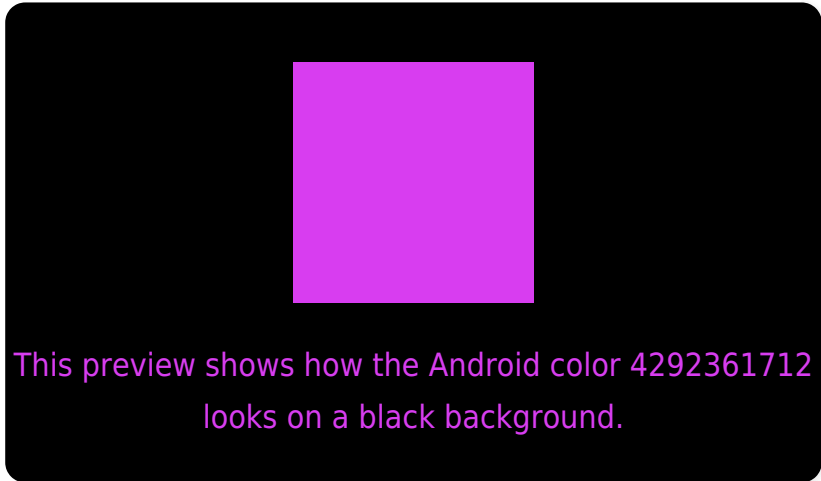
Large Text (above 18pt) WCAG AA ✓ Pass

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

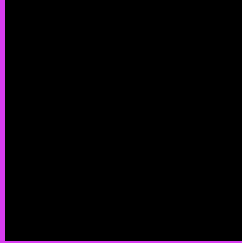
Any Text WCAG AA ✓ Pass

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 4292361712 Background



This preview shows how black text looks on a background with the Android color 4292361712.



This preview shows how white text looks on a background with the Android color 4292361712.

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
4291324787

Trichromacy



Original Color
4292361712



Protanomaly
4286147322



Deuteranomaly
4286279144



Tritanomaly
4291713696

Monochromacy



Original Color
4292361712



Achromatopsia
4286611584



Achromatomaly
4288702633

CSS Examples

Text

The CSS property to change the color of the text to Android 4292361712 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(216, 61, 240)` looks like.

```
.text, #text, p{  
    color:rgb(216, 61, 240)  
}
```

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(216, 61, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 61, 240) }
```

Border

The CSS property to change the border of an element to Android 4292361712 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(216, 61, 240) }
```

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

```
.border{ border-color:rgb(216, 61, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 61, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 61, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 61, 240);  
box-shadow:4px 4px 4px 4px rgb(216, 61,  
240) }
```

Background

The CSS property to change the background color of an element to Android 4292361712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 61, 240) }
```

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

```
.background{ background-color: rgb(216, 61,  
240) }
```

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