

Converting Colors

Android(4292116712)

Have a look what the booklet for
Android(4292116712) contains.

Android(4292116712)	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(4292116712)

Conversions

Conversions Part 1

Format	Color
Hex	D480E8
RGB	212, 128, 232
RGB Percent	83%, 50%, 91%
CMY	0.1686, 0.4980, 0.0902
CMYK	0.09, 0.45, 0.00, 0.09
HSL	288°, 69%, 71%
HSV	288°, 45%, 91%
XYZ	49.4360, 35.2616, 80.5445
YIQ	164.9720, 16.6800, 50.1520

Conversions

Conversions Part 2

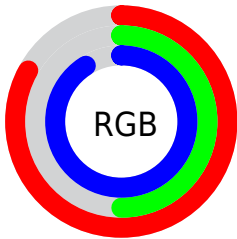
Format	Color
R _{YB}	212, 128, 232
Decimal	13926632
CIE Lab	65.95, 48.86, -39.58
CIE LCh	66, 62.884, 320.990
Yxy	35.2616, 0.2992, 0.2134
Android (android.graphics.Color)	4292116712 (0xFFD480E8)
YUV	164.9720, 33.0448, 41.2436
Hunter-Lab	59.3815, 44.6866, -38.8534

Details

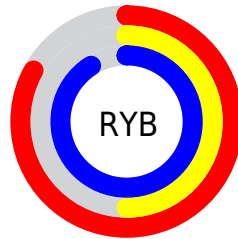
The Android color `4292116712` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `4287948928`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4294948863`, and `4288367536` is the 20% darker color. If you saturate the color by 10%, you get `4291848680`, and if you desaturate by 10%, it is `4292384744`.

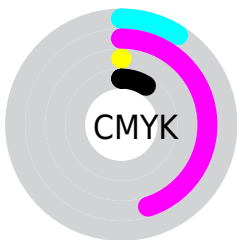
Distribution



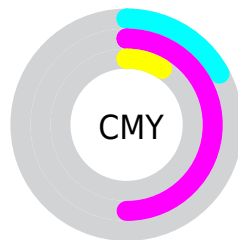
- Red (83%)
- Green (50%)
- Blue (91%)



- Red (83%)
- Yellow (50%)
- Blue (91%)



- Cyan (9%)
- Magenta (45%)
- Yellow (0%)
- Black (9%)



- Cyan (17%)
- Magenta (50%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292116712 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 4292116712 by changing the saturation by 10% instead.

 4292116712

 4292116712

4294967295

 4290209484

 4294948863

 4288367536

 4294956031

 4286591381

 4294963455

 4284814715

 4283105377

 4281401417

 4279894066

 4278190364

 4278190080

4292116712

4292116712

4291848680

4292384744

4291515112

4292718312

4291246824

4292986600

4290913256

4293320168

4290645224

4293588200

4290445544

4293918696

4294180840

4294508520

4294770664

Harmonies

Analogous

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



4286748927



4292116712



4294864308

Triad

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



4292116712



4291598118



4278238151

Complementary

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



4292116712



4287948928

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.



4278237837



4292116712



4288129323

Square

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



4292116712



4294148425



4283544917



4278237175

Rectangle

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



4292116712



4294929294



4283544917



4278238132

Sweetspot

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



4292116712



4294565631



4286617064



4286344064



4278190080



4286611584

Same Dimension

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



4292116712



4293228031



4293427401



4285622131



4287627443



4280877107

Inverse Universe

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



4293427348



4294931856



4286638239



4285753193



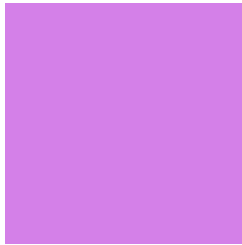
4289921058



4281532426

Previews

White Background



This preview shows how the Android color 4292116712 looks on a white background.

Color Contrast Check

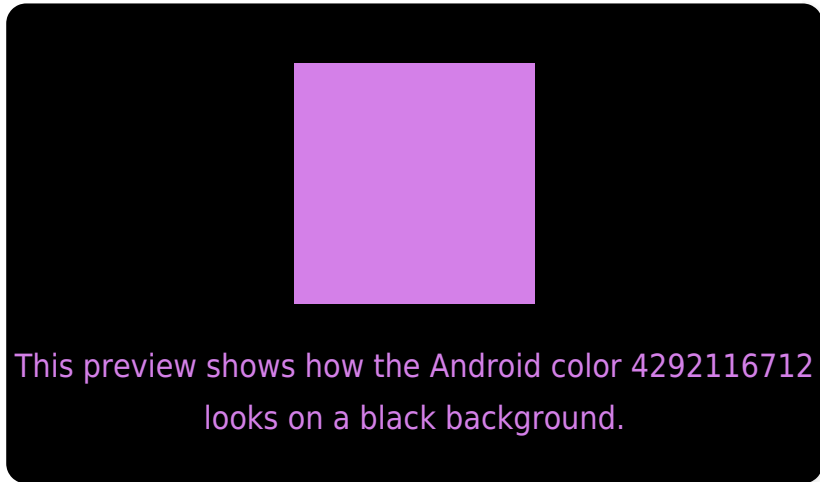
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4292116712 Background



This preview shows how black text looks on a background with the Android color 4292116712.



This preview shows how white text looks on a background with the Android color 4292116712.

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
4292116712

Protanopia
4286356991

Deuteranopia
4287209442



Tritanopia
4291400092

Trichromacy



Original Color
4292116712



Protanomaly
4288451319



Deuteranomaly
4288976100



Tritanomaly
4291660728

Monochromacy



Original Color
4292116712



Achromatopsia
4289045925



Achromatomaly
4290156733

CSS Examples

Text

The CSS property to change the color of the text to Android 4292116712 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(212, 128, 232)` looks like.

```
.text, #text, p{  
    color:rgb(212, 128, 232)  
}
```

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(212, 128, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 128, 232) }
```

Border

The CSS property to change the border of an element to Android 4292116712 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(212, 128, 232) }
```

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

```
.border{ border-color:rgb(212, 128, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 128, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 128, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 128, 232);  
box-shadow:4px 4px 4px 4px rgb(212, 128,  
232) }
```

Background

The CSS property to change the background color of an element to Android 4292116712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 128, 232) }
```

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

```
.background{ background-color: rgb(212,  
128, 232) }
```

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