

Converting Colors

Android(4290606788)

Have a look what the booklet for
Android(4290606788) contains.

Android(4290606788)	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(4290606788)

Conversions

Conversions Part 1

Format	Color
Hex	BD76C4
RGB	189, 118, 196
RGB Percent	74%, 46%, 77%
CMY	0.2588, 0.5373, 0.2314
CMYK	0.04, 0.40, 0.00, 0.23
HSL	295°, 40%, 62%
HSV	295°, 40%, 77%
XYZ	37.4285, 27.7612, 55.6103
YIQ	148.1210, 17.2780, 39.3100

Conversions

Conversions Part 2

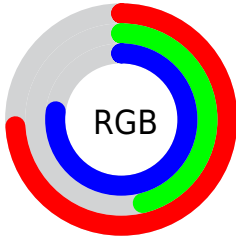
Format	Color
RYB	189, 118, 196
Decimal	12416708
CIELab	59.67, 40.31, -29.40
CIELCh	60, 49.894, 323.898
Yxy	27.7612, 0.3098, 0.2298
Android (android.graphics.Color)	4290606788 (0xFFBD76C4)
YUV	148.1210, 23.6043, 35.8509
Hunter-Lab	52.6889, 34.5951, -25.6952

Details

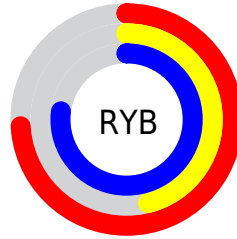
The Android color **4290606788** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **4286432374**, and the grayscale version is **4287927444**.

A 20% lighter version of the original color is **4294356221**, and **4286989198** is the 20% darker color. If you saturate the color by 10%, you get **4290470596**, and if you desaturate by 10%, it is **4290742980**.

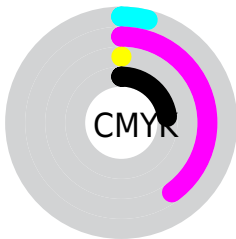
Distribution



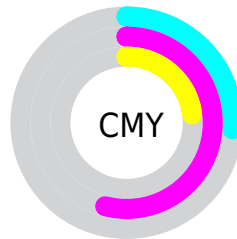
- Red (74%)
- Green (46%)
- Blue (77%)



- Red (74%)
- Yellow (46%)
- Blue (77%)



- Cyan (4%)
- Magenta (40%)
- Yellow (0%)
- Black (23%)



- Cyan (26%)
- Magenta (54%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290606788 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 4290606788 by changing the saturation by 10% instead.

 4290606788

 4290606788

4294967295

 4288765097

 4294356221

 4286989198

 4294952959

 4285278836

 4294960383

 4283567963

 4281925699

 4280614957

 4278190359

 4278190080

 4290606788

 4290606788

 4290470596

 4290742980

 4290334660

 4290878916


 4290264004

 4290949572

 4290128068

 4291085508


 4289991876


 4291221700

 4289855684

 4291357892

 4291428292

 4291559364

 4291690436

Harmonies

Analogous

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



4286810336



4290606788



4292569755

Triad

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



4290606788



4289759796



4278232498

Complementary

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



4290606788



4286432374

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.



4278232453



4290606788



4287010875

Square

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



4290606788



4291852874



4283408730



4278231510

Rectangle

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



4290606788



4292962941



4283408730



4278232739

Sweetspot

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



4290606788



4294762751



4285955780



4286475904



4278190080



4286611584

Same Dimension

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



4290606788



4294215167



4291065509



4284503905



4287758497



4280156193

Inverse Universe

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



4291065469



4294935952



4285973653



4284569432



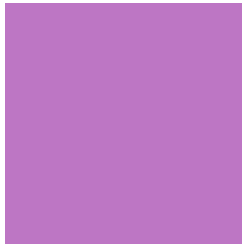
4288741390



4280352771

Previews

White Background



This preview shows how the Android color 4290606788 looks on a white background.

Color Contrast Check

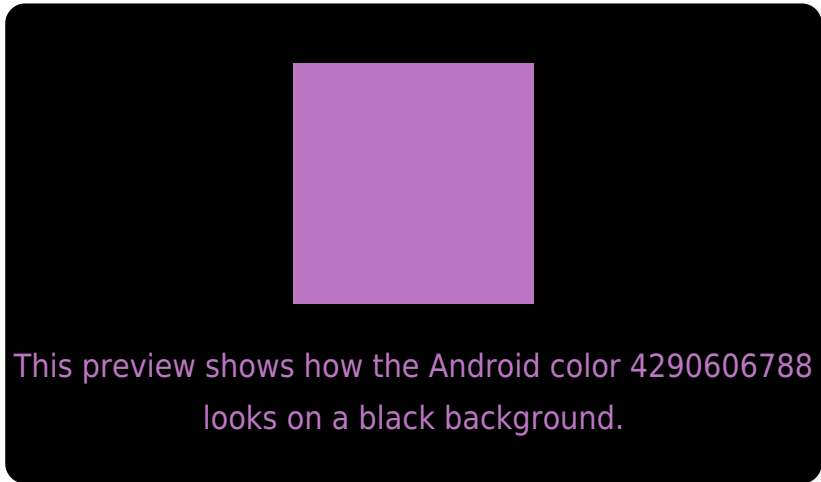
Large Text (above 18pt) WCAG AA ✓ Pass

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

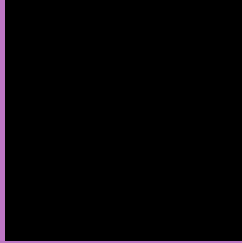
Any Text WCAG AA ✓ Pass

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 4290606788 Background



This preview shows how black text looks on a background with the Android color 4290606788.




This preview shows how white text looks on a background with the Android color 4290606788.

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
4290085516

Trichromacy



Original Color

4290606788



Protanomaly

4287661520



Deuteranomaly

4288251329



Tritanomaly

4290281120

Monochromacy



Original Color

4290606788



Achromatopsia

4287927444



Achromatomaly

4288907685

CSS Examples

Text

The CSS property to change the color of the text to Android 4290606788 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(189, 118, 196)` looks like.

```
.text, #text, p{  
    color:rgb(189, 118, 196)  
}
```

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(189, 118, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 118, 196) }
```

Border

The CSS property to change the border of an element to Android 4290606788 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(189, 118, 196) }
```

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

```
.border{ border-color:rgb(189, 118, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 118, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 118, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 118, 196);  
box-shadow:4px 4px 4px 4px rgb(189, 118,  
196) }
```

Background

The CSS property to change the background color of an element to Android 4290606788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 118, 196) }
```

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

```
.background{ background-color: rgb(189,  
118, 196) }
```

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