

# Converting Colors

Android(4290012307)

Have a look what the booklet for  
Android(4290012307) contains.

<b>Android(4290012307)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Android(4290012307)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B46493
RGB	180, 100, 147
RGB Percent	71%, 39%, 58%
CMY	0.2941, 0.6078, 0.4235
CMYK	0.00, 0.44, 0.18, 0.29
HSL	325°, 35%, 55%
HSV	325°, 44%, 71%
XYZ	28.6460, 20.9242, 30.1327
YIQ	129.2780, 32.5930, 31.5770

# Conversions

## Conversions Part 2

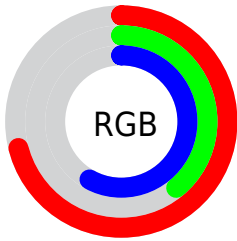
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 100, 147
Decimal	11822227
CIE <sub>Lab</sub>	52.87, 38.39, -11.60
CIE <sub>LCh</sub>	53, 40.107, 343.191
Yxy	20.9242, 0.3594, 0.2625
Android (android.graphics.Color)	4290012307 (0xFFB46493)
YUV	129.2780, 8.7369, 44.4832
Hunter-Lab	45.7430, 31.7333, -7.0366

# Details

The Android color `4290012307` is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be `4284789893`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4293761481`, and `4286394976` is the 20% darker color. If you saturate the color by 10%, you get `4290007692`, and if you desaturate by 10%, it is `4290016922`.

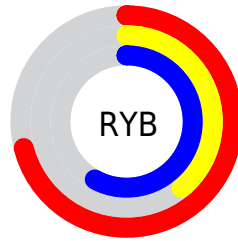
# Distribution



Red (71%)

Green (39%)

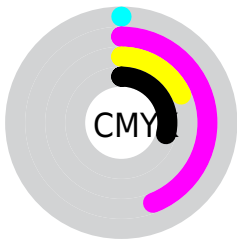
Blue (58%)



Red (71%)

Yellow (39%)

Blue (58%)

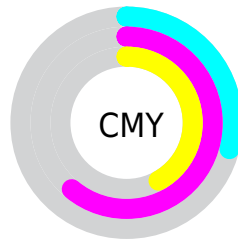


Cyan (0%)

Magenta (44%)

Yellow (18%)

Black (29%)



Cyan (29%)

Magenta (61%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290012307 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 4290012307 by changing the saturation by 10% instead.



 4290012307

 4290012307


4294967295

 4288170873

 4293761481

 4286394976

 4294948069

 4284684361

 4294955263

 4282974258

 4294962687

 4281466909

 4279369728

 4278190080

 4290012307

 4290012307

 4290007692

 4290016922

 4290003076

 4290021538

 4289998461

 4290026153

 4289993845

 4290030769

 4289989230

 4290035384

 4289986666

 4290040000

 4290044615

 4290049230

 4290052054

# Harmonies

## Analogous

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



4287983537



4290012307



4290732400

# Triad

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



4290012307



4286873912



4278226604

# Complementary

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



4290012307



4284789893

# 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.



4278227085



4290012307



4284385866

# Square

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



4290012307



4288902459



4280782441



4278224832

# Rectangle

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



4290012307



4290537050



4280782441



4278226851



# Sweetspot

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



4290012307



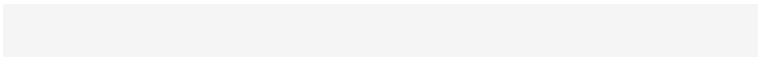
4293643486



4286866612



4285883246



4294309365



4285887861



# Same Dimension

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



4290012307



4293619383



4290012268



4284043350



4288217178



4279894031



# Inverse Universe

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



4290012307



4293619383



4284789932



4284043350



4288217178



4279894031



# Previews

## White Background



This preview shows how the Android color 4290012307 looks on a white background.

## Color Contrast Check

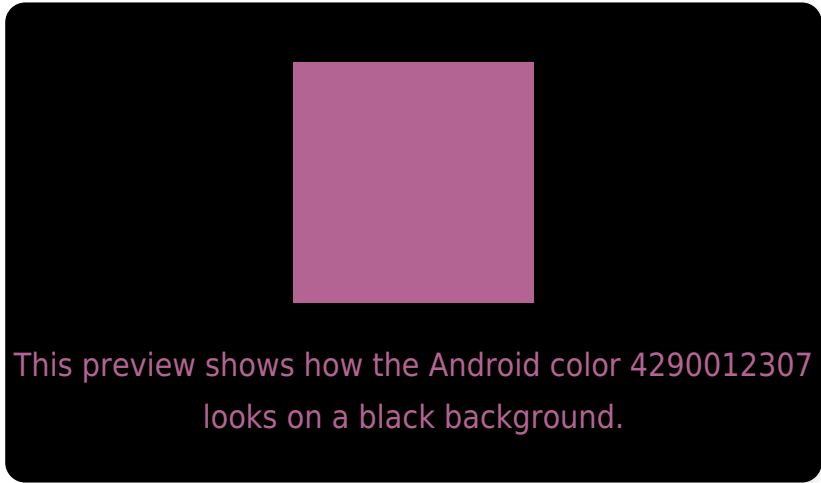
Large Text (above 18pt) WCAG AA ✓ Pass

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 4290012307 Background



This preview shows how black text looks on a background with the Android color 4290012307.



This preview shows how white text looks on a background with the Android color 4290012307.

# 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





# Trichromacy



**Original Color**  
4290012307

**Protanomaly**  
4287329438

**Deuteranomaly**  
4287984528

**Tritanomaly**  
4289882238

# Monochromacy



**Original Color**  
4290012307

**Achromatopsia**  
4286677377

**Achromatomaly**  
4287919752

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290012307 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(180, 100, 147)` looks like.

```
.text, #text, p{  
    color:rgb(180, 100, 147)  
}
```

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(180, 100, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 100, 147) }
```

## Border

The CSS property to change the border of an element to Android 4290012307 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(180, 100, 147) }
```

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

```
.border{ border-color:rgb(180, 100, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 100, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 100, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 100, 147);  
box-shadow:4px 4px 4px 4px rgb(180, 100,  
147) }
```

# Background

The CSS property to change the background color of an element to Android 4290012307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 100, 147) }
```

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

```
.background{ background-color: rgb(180,  
100, 147) }
```

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](#).



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