

# Converting Colors

Android(4290012860)

Have a look what the booklet for  
Android(4290012860) contains.

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# **Color**

**Android(4290012860)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B466BC
RGB	180, 102, 188
RGB Percent	71%, 40%, 74%
CMY	0.2941, 0.6000, 0.2627
CMYK	0.04, 0.46, 0.00, 0.26
HSL	294°, 39%, 57%
HSV	294°, 46%, 74%
XYZ	32.6509, 22.8369, 50.2640
YIQ	135.1260, 18.8820, 43.2820

# Conversions

## Conversions Part 2

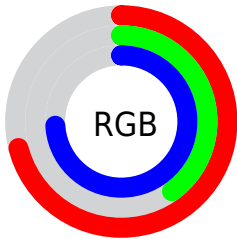
Format	Color
<a href="#">RYB</a>	<a href="#">180, 102, 188</a>
Decimal	<a href="#">11822780</a>
CIELab	<a href="#">54.90, 44.56, -32.32</a>
CIELCh	<a href="#">55, 55.047, 324.042</a>
Yxy	<a href="#">22.8369, 0.3088, 0.2159</a>
Android (android.graphics.Color)	<a href="#">4290012860 (0xFFB466BC)</a>
YUV	<a href="#">135.1260, 26.0669, 39.3545</a>
Hunter-Lab	<a href="#">47.7879, 38.3303, -28.9105</a>

# Details

The Android color `4290012860` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `4285447270`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4293762037`, and `4286395270` is the 20% darker color. If you saturate the color by 10%, you get `4289876924`, and if you desaturate by 10%, it is `4290148796`.

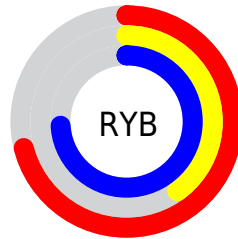
# Distribution



Red (71%)

Green (40%)

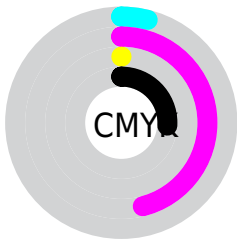
Blue (74%)



Red (71%)

Yellow (40%)

Blue (74%)

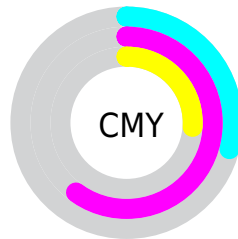


Cyan (4%)

Magenta (46%)

Yellow (0%)

Black (26%)



Cyan (29%)

Magenta (60%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290012860 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 4290012860 by changing the saturation by 10% instead.



 4290012860

 4290012860

4294967295

 4288171169

 4293762037

 4286395270

 4294948863

 4284684397

 4294956031

 4282974292

 4294963455

 4281401404

 4279697446

 4278190351

 4278190080

 4290012860

 4290012860

4289876924

4290148796

4289806524

4290219196

4289670844

4290354876

4289534908

4290490812

4289398972

4290626748

4289396924

4290697148

4290833084

4290968764

4291100604

# Harmonies

## Analogous

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



4285758427



4290012860



4292106127

# Triad

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



4290012860



4288970266



4278229673

# Complementary

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



4290012860



4285447270

# 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.



4278229624



4290012860



4286024739

# Square

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



4290012860



4291259190



4281832776



4278228688

# Rectangle

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



4290012860



4292499311



4281832776



4278229657



# Sweetspot

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



4290012860



4294104053



4284903356



4286080634



4294638330



4286216826



# Same Dimension

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



4290012860



4293422837



4290537114



4284306782



4287561886



4280025119



# Inverse Universe

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



4290537070



4294274683



4284923016



4284372310



4288544783

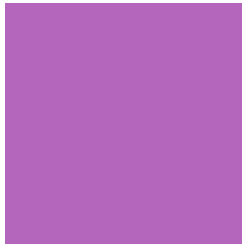


4280221699



# Previews

## White Background



This preview shows how the Android color 4290012860 looks on a white background.

## Color Contrast Check

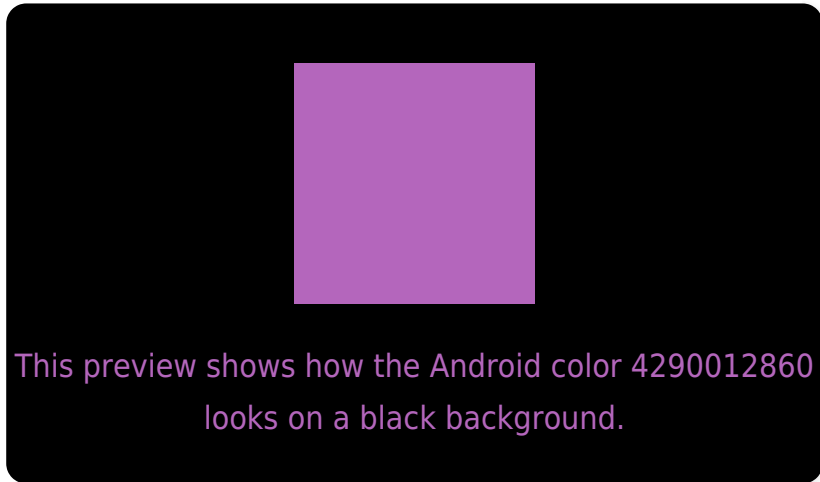
Large Text (above 18pt) WCAG AA ✓ Pass

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 4290012860 Background



This preview shows how black text looks on a background with the Android color 4290012860.




This preview shows how white text looks on a background with the Android color 4290012860.

# 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**  
4289492093

# Trichromacy



**Original Color**  
4290012860

**Protanomaly**  
4286740427

**Deuteranomaly**  
4287330489

**Tritanomaly**  
4289687444

# Monochromacy



**Original Color**  
4290012860

**Achromatopsia**  
4287072135

**Achromatomaly**  
4288117658

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290012860 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, 102, 188)` looks like.

```
.text, #text, p{  
    color:rgb(180, 102, 188)  
}
```

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, 102, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 102, 188) }
```

## Border

The CSS property to change the border of an element to Android 4290012860 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, 102, 188) }
```

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

```
.border{ border-color:rgb(180, 102, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 102, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 102, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 102, 188); box-shadow:4px 4px 4px 4px rgb(180, 102, 188) }
```

# Background

The CSS property to change the background color of an element to Android 4290012860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 102, 188) }
```

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

```
.background{ background-color: rgb(180,  
102, 188) }
```

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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