

# Converting Colors

Android(4290515006)

Have a look what the booklet for  
Android(4290515006) contains.

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**Color**

**Android(4290515006)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC103E
RGB	188, 16, 62
RGB Percent	74%, 6%, 24%
CMY	0.2627, 0.9373, 0.7569
CMYK	0.00, 0.91, 0.67, 0.26
HSL	344°, 84%, 40%
HSV	344°, 91%, 74%
XYZ	21.7938, 11.4097, 5.6111
YIQ	72.6720, 87.7460, 50.7700

# Conversions

## Conversions Part 2

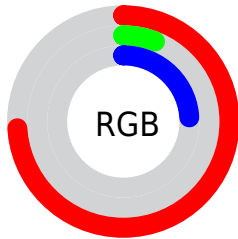
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">188, 16, 62</a>
Decimal	<a href="#">12324926</a>
CIELab	<a href="#">40.26, 63.52, 22.58</a>
CIElCh	<a href="#">40, 67.417, 19.566</a>
Yxy	<a href="#">11.4097, 0.5615, 0.2940</a>
Android (android.graphics.Color)	<a href="#">4290515006</a> ( <a href="#">0xFFBC103E</a> )
YUV	<a href="#">72.6720, -5.2613, 101.1427</a>
Hunter-Lab	<a href="#">33.7783, 56.0564, 13.7959</a>

# Details

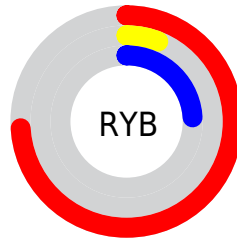
The Android color **4290515006** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **4279286926**, and the grayscale version is **4282992969**.

A 20% lighter version of the original color is **4294661997**, and **4286513173** is the 20% darker color. If you saturate the color by 10%, you get **4290510898**, and if you desaturate by 10%, it is **4290519884**.

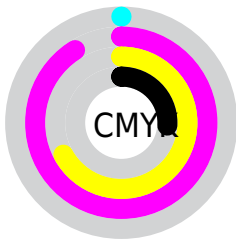
# Distribution



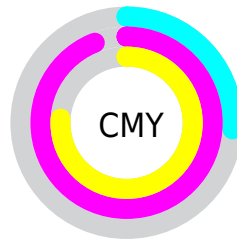
- Red (74%)
- Green (6%)
- Blue (24%)



- Red (74%)
- Yellow (6%)
- Blue (24%)



- Cyan (0%)
- Magenta (91%)
- Yellow (67%)
- Black (26%)



- Cyan (26%)
- Magenta (94%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290515006 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 4290515006 by changing the saturation by 10% instead.



 4290515006

 4290515006

4294967295

 4288479272

 4294661997

 4286513173

 4294931590

 4284481536

 4294939040

 4282646531

 4294946235

 4280483841

 4294953943

 4278190080

 4294961396

 4290515006

 4290515006

 4290510898

 4290519884

 4290524762

 4290529383

 4290534261

 4290539139

 4290544017

 4290548894

 4290553516

 4290558394

# Harmonies

## Analogous

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



4290055797



4290515006



4289280513

# Triad

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



4290515006



4278218757



4278217933

# Complementary

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



4290515006



4279286926

# 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.



4278219955



4290515006



4278220105

# Square

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



4290515006



4283590400



4278220419



4278868424

# Rectangle

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



4290515006



4287778304



4278220419



4278218695



# Sweetspot

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



4290515006



4294292420



4287303868



4286206814



4294638330



4286216826



# Same Dimension

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



4290515006



4294246465



4290524432



4284372311



4288544810



4280221704



# Inverse Universe

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



4290515006



4294246465



4279277500



4284372311



4288544810



4280221704



# Previews

## White Background



This preview shows how the Android color 4290515006 looks on a white background.

## Color Contrast Check

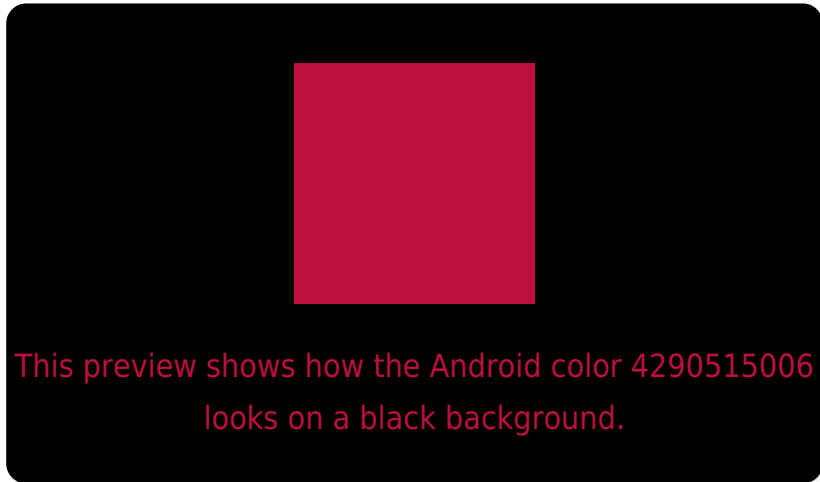
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4290515006 Background



This preview shows how black text looks on a background with the Android color 4290515006.



This preview shows how white text looks on a background with the Android color 4290515006.

# 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



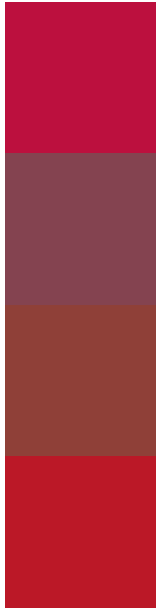
**Original Color**  
4290515006

**Protanopia**  
4284768346

**Deuteranopia**  
4285946933



# Trichromacy



**Original Color**  
4290515006

**Protanomaly**  
4286858064

**Deuteranomaly**  
4287578168

**Tritanomaly**  
4290451495

# Monochromacy



**Original Color**  
4290515006

**Achromatopsia**  
4282992969

**Achromatomaly**  
4285740101

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290515006 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(188, 16, 62)` looks like.

```
.text, #text, p{  
    color:rgb(188, 16, 62)  
}
```

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(188, 16, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 16, 62) }
```

## Border

The CSS property to change the border of an element to Android 4290515006 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(188, 16, 62) }
```

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

```
.border{ border-color:rgb(188, 16, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 16, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 16, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 16, 62);  
box-shadow:4px 4px 4px 4px rgb(188, 16,  
62) }
```

# Background

The CSS property to change the background color of an element to Android 4290515006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 16, 62) }
```

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

```
.background{ background-color: rgb(188, 16,  
62) }
```

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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