

Converting Colors

Android(4288217180)

Have a look what the booklet for
Android(4288217180) contains.

Android(4288217180)	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(4288217180)

Conversions

Conversions Part 1

Format	Color
Hex	99005C
RGB	153, 0, 92
RGB Percent	60%, 0%, 36%
CMY	0.4000, 1.0000, 0.6392
CMYK	0.00, 1.00, 0.40, 0.40
HSL	324°, 100%, 30%
HSV	324°, 100%, 60%
XYZ	15.0686, 7.5450, 10.7873
YIQ	56.2350, 61.6560, 61.0480

Conversions

Conversions Part 2

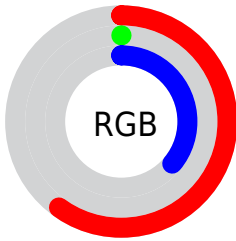
Format	Color
R_YB	153, 0, 92
Decimal	10027100
CIE Lab	33.02, 59.33, -8.03
CIE LCh	33, 59.875, 352.290
Yxy	7.5450, 0.4511, 0.2259
Android (android.graphics.Color)	4288217180 (0xFF99005C)
YUV	56.2350, 17.6321, 84.8629
Hunter-Lab	27.4682, 49.8531, -4.0567

Details

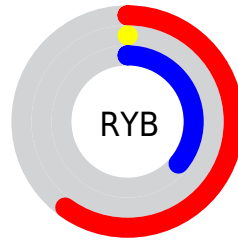
The Android color **4288217180** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **4278229309**, and the grayscale version is **4281874488**.

A 20% lighter version of the original color is **4292103310**, and **4284481582** is the 20% darker color. If you saturate the color by 10%, you get **4288217180**, and if you desaturate by 10%, it is **4288221026**.

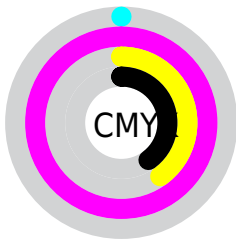
Distribution



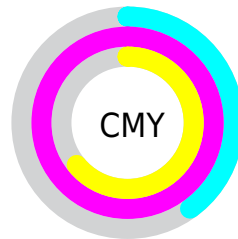
- Red (60%)
- Green (0%)
- Blue (36%)



- Red (60%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (40%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288217180 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 4288217180 by changing the saturation by 10% instead.

 4288217180

 4288217180

4294967295

 4286316612

 4292103310

 4284481582

 4294076585

 4282712090

 4294935748

 4280942593

 4294942944

 4278190080

 4294950396

 4294957823

 4294965247

 4288217180

 4288221026

 4288225128

 4288228974

 4288232820

 4288236922

 4288240769

 4288244615

 4288248461

 4288252563

Harmonies

Analogous

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



4286131080



4288217180



4288481837

Triad

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



4288217180



4282275328



4278214553

Complementary

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



4288217180



4278229309

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.



4278215024



4288217180



4278213895

Square

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



4288217180



4285155072



4278214719



4278212781

Rectangle

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



4288217180



4287768077



4278214719



4278214797

Sweetspot

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



4288217180



4291267503



4282056857



4284694613



4293125091



4284703587

Same Dimension

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



4288217180



4291231864



4288217106



4283254089



4287365204



4279042056

Inverse Universe

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



4288217180



4291231864



4278229383



4283254089



4287365204



4279042056

Previews

White Background



This preview shows how the Android color 4288217180 looks on a white background.

Color Contrast Check

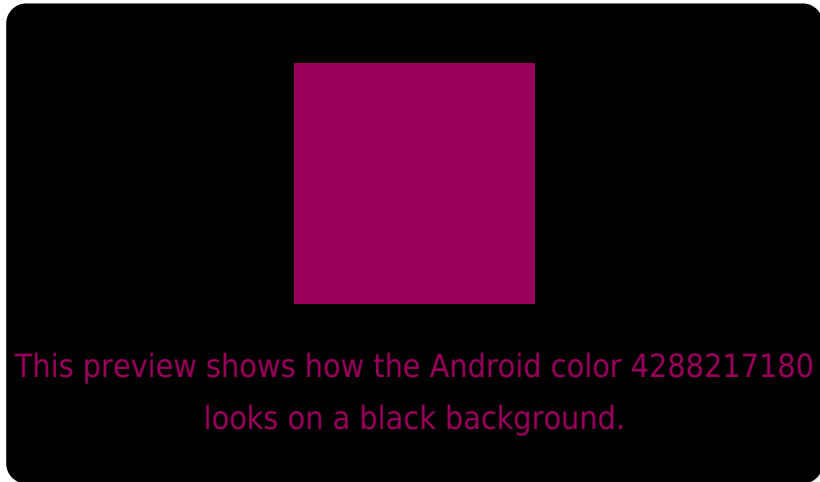
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

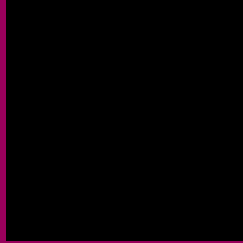
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4288217180 Background



This preview shows how black text looks on a background with the Android color 4288217180.



This preview shows how white text looks on a background with the Android color 4288217180.

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
4288217180

Protanopia
4282142596

Deuteranopia
4283846229

Trichromacy



Original Color

4288217180

Protanomaly

4284363381

Deuteranomaly

4285411928

Tritanomaly

4288091961

Monochromacy



Original Color

4288217180

Achromatopsia

4281874488

Achromatomaly

4284163141

CSS Examples

Text

The CSS property to change the color of the text to Android 4288217180 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(153, 0, 92)` looks like.

```
.text, #text, p{  
    color:rgb(153, 0, 92)  
}
```

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(153, 0, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 0, 92) }
```

Border

The CSS property to change the border of an element to Android 4288217180 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(153, 0, 92) }
```

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

```
.border{ border-color:rgb(153, 0, 92) }
```

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

Here you see how a box with a 4 pixel rgb(153, 0, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 0, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 0, 92);  
box-shadow:4px 4px 4px 4px rgb(153, 0, 92)  
}
```

Background

The CSS property to change the background color of an element to Android 4288217180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 0, 92) }
```

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

```
.background{ background-color: rgb(153, 0,  
92) }
```

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