

Converting Colors

Android(4288086016)

Have a look what the booklet for
Android(4288086016) contains.

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Color

Android(4288086016)

Conversions

Conversions Part 1

Format	Color
Hex	970000
RGB	151, 0, 0
RGB Percent	59%, 0%, 0%
CMY	0.4078, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.41
HSL	0°, 100%, 30%
HSV	0°, 100%, 59%
XYZ	12.7625, 6.5793, 0.5973
YIQ	45.1490, 89.9960, 32.0120

Conversions

Conversions Part 2

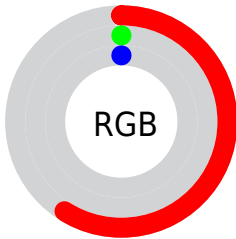
Format	Color
RYB	151, 0, 0
Decimal	9895936
CIELab	30.83, 54.19, 44.61
CIElCh	31, 70.187, 39.464
Yxy	6.5793, 0.6401, 0.3300
Android (android.graphics.Color)	4288086016 (0xFF970000)
YUV	45.1490, -22.2585, 92.8313
Hunter-Lab	25.6502, 43.9267, 16.5745

Details

The Android color **4288086016** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **4278228887**, and the grayscale version is **4281150765**.

A 20% lighter version of the original color is **4292233263**, and **4284088320** is the 20% darker color. If you saturate the color by 10%, you get **4288086016**, and if you desaturate by 10%, it is **4288089871**.

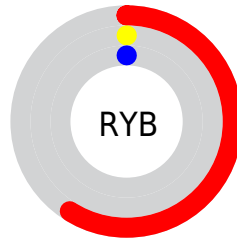
Distribution



Red (59%)

Green (0%)

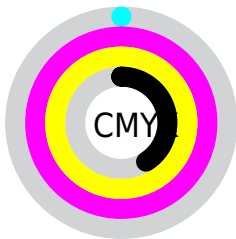
Blue (0%)



Red (59%)

Yellow (0%)

Blue (0%)

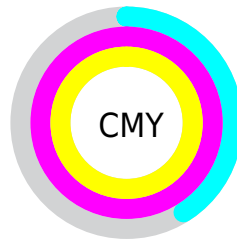


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (41%)



Cyan (41%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288086016 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 4288086016 by changing the saturation by 10% instead.

 4288086016

 4288086016

 4294967269

 4286054400

 4292233263

 4284088320

 4294337607

 4282253314

 4294934367

 4280025089

 4294941560

 4278190080

 4294948754

 4294956205

 4294963657

 4288086016

 4288089871

 4288093726

 4288097581

 4288101436

 4288105548

 4288109403

 4288113258

 4288117113

 4288120968

Harmonies

Analogous

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



4288872506



4288086016



4286002944

Triad

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



4288086016



4278213662



4278209463

Complementary

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



4288086016



4278228887

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.



4278213041



4288086016



4278213977

Square

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



4288086016



4278212352



4278214286



4284034719

Rectangle

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



4288086016



4284172032



4278214286



4278211001

Sweetspot

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



4288086016



4291070345



4288086167



4284694592



4293125091



4284703587

Same Dimension

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



4288086016



4291035136



4288105472



4283254085



4287365120



4279042048

Inverse Universe

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



4278228887



4278240452



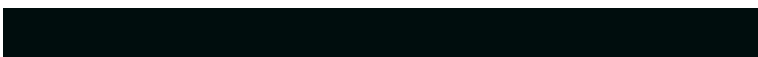
4278209687



4282731853



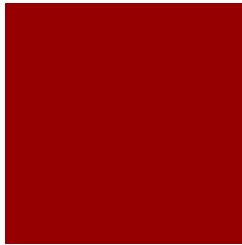
4278226060



4278193421

Previews

White Background



This preview shows how the Android color 4288086016 looks on a white background.

Color Contrast Check

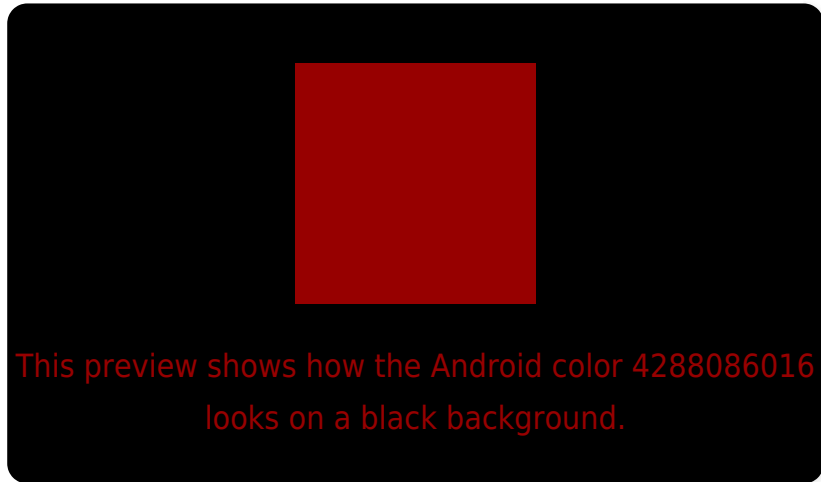
Large Text (above 18pt) WCAG AA ✓ Pass

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

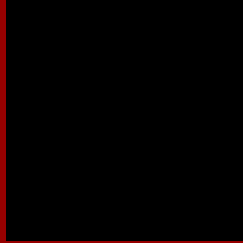
Any Text WCAG AA × Fail

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 4288086016 Background



This preview shows how black text looks on a background with the Android color 4288086016.



This preview shows how white text looks on a background with the Android color 4288086016.

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

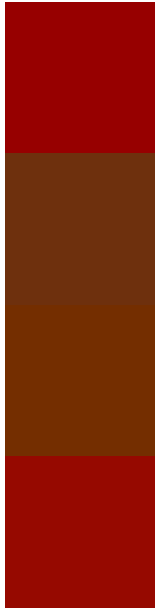


Original Color
4288086016

Protanopia
4283845652

Deuteranopia
4284499968

Trichromacy



Original Color
4288086016

Protanomaly
4285411341

Deuteranomaly
4285804032

Tritanomaly
4288022784

Monochromacy



Original Color
4288086016

Achromatopsia
4281150765

Achromatomaly
4283702557

CSS Examples

Text

The CSS property to change the color of the text to Android 4288086016 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(151, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(151, 0, 0)  
}
```

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(151, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 0, 0) }
```

Border

The CSS property to change the border of an element to Android 4288086016 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(151, 0, 0) }
```

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

```
.border{ border-color:rgb(151, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(151, 0, 0); box-shadow:4px  
4px 4px 4px rgb(151, 0, 0) }
```

Background

The CSS property to change the background color of an element to Android 4288086016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 0, 0) }
```

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

```
.background{ background-color: rgb(151, 0,  
0) }
```

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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