

Converting Colors

Android(4290777856)

Have a look what the booklet for
Android(4290777856) contains.

Android(4290777856)	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(4290777856)

Conversions

Conversions Part 1

Format	Color
Hex	C01300
RGB	192, 19, 0
RGB Percent	75%, 7%, 0%
CMY	0.2471, 0.9255, 1.0000
CMYK	0.00, 0.90, 1.00, 0.25
HSL	6°, 100%, 38%
HSV	6°, 100%, 75%
XYZ	21.9711, 11.6722, 1.0950
YIQ	68.5610, 109.2070, 30.7670

Conversions

Conversions Part 2

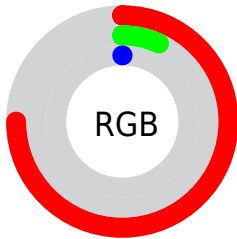
Format	Color
R _Y B	192, 21, 0
Decimal	12587776
CIE Lab	40.69, 62.51, 54.57
CIE LCh	41, 82.977, 41.124
Yxy	11.6722, 0.6325, 0.3360
Android (android.graphics.Color)	4290777856 (0xFFC01300)
YUV	68.5610, -33.8006, 108.2560
Hunter-Lab	34.1646, 55.0044, 22.0150

Details

The Android color **4290777856** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **4278234560**, and the grayscale version is **4282729797**.

A 20% lighter version of the original color is **4294924340**, and **4286578688** is the 20% darker color. If you saturate the color by 10%, you get **4290777856**, and if you desaturate by 10%, it is **4290782227**.

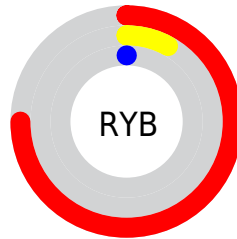
Distribution



Red (75%)

Green (7%)

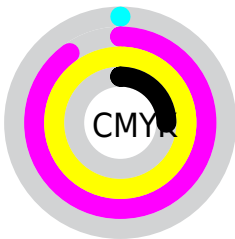
Blue (0%)



Red (75%)

Yellow (8%)

Blue (0%)

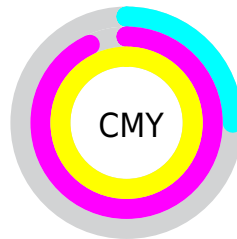


Cyan (0%)

Magenta (90%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290777856 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 4290777856 by changing the saturation by 10% instead.

 4290777856

 4290777856

 4294967278

 4288675840

 4294924340

 4286578688

 4294931788

 4284547072

 4294938981

 4282712067

 4294946431

 4280549377

 4294953882

 4278190080

 4294961333

 4294967249

 4290777856

 4290782227

 4290786854

 4290791226

 4290795597

 4290800224

 4290804595

 4290808966

 4290813338

 4290817965

Harmonies

Analogous

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



4291887178



4290777856



4288171008

Triad

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



4290777856



4278220848



4278215401

Complementary

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



4290777856



4278234560

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.



4278220003



4290777856



4278221433

Square

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



4290777856



4278219264



4278221497



4286266568

Rectangle

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



4290777856



4285751040



4278221497



4278217195

Sweetspot

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



4290777856



4294620847



4290773168



4286403664



4294769916



4286414205

Same Dimension

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



4290777856



4294580480



4290801664



4284569687



4288745472



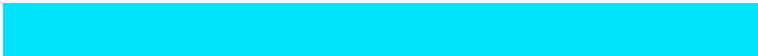
4280353536

Inverse Universe

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



4278234560



4278247930



4278210752



4283916385



4278227361



4278197793

Previews

White Background



This preview shows how the Android color 4290777856 looks on a white background.

Color Contrast Check

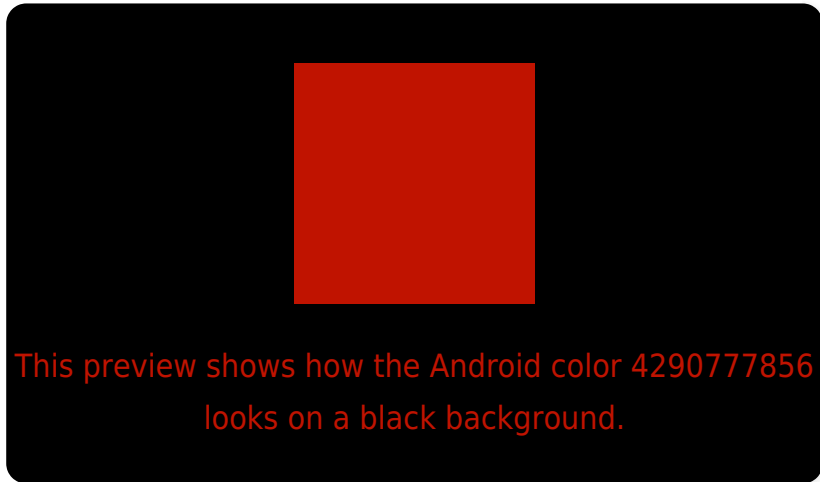
Large Text (above 18pt) WCAG AA ✓ Pass

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

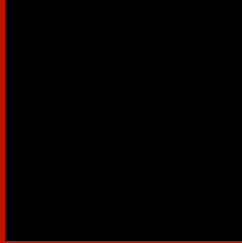
Any Text WCAG AA × Fail

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 4290777856 Background



This preview shows how black text looks on a background with the Android color 4290777856.



This preview shows how white text looks on a background with the Android color 4290777856.

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

4290777856

Protanopia

4285424152

Deuteranopia

4286274816

Trichromacy



Original Color

4290777856

Protanomaly

4287382799

Deuteranomaly

4287906304

Tritanomaly

4290777862

Monochromacy



Original Color

4290777856

Achromatopsia

4282729797

Achromatomaly

4285674284

CSS Examples

Text

The CSS property to change the color of the text to Android 4290777856 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(192, 19, 0)` looks like.

```
.text, #text, p{  
    color:rgb(192, 19, 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(192, 19, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 19, 0) }
```

Border

The CSS property to change the border of an element to Android 4290777856 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(192, 19, 0) }
```

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

```
.border{ border-color:rgb(192, 19, 0) }
```

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

Here you see how a box with a 4 pixel rgb(192, 19, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 19, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 19, 0);  
box-shadow:4px 4px 4px 4px rgb(192, 19, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4290777856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 19, 0) }
```

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

```
.background{ background-color: rgb(192, 19,  
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](#).

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