

Converting Colors

Android(4290456064)

Have a look what the booklet for
Android(4290456064) contains.

Android(4290456064)	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(4290456064)

Conversions

Conversions Part 1

Format	Color
Hex	BB2A00
RGB	187, 42, 0
RGB Percent	73%, 16%, 0%
CMY	0.2667, 0.8353, 1.0000
CMYK	0.00, 0.78, 1.00, 0.27
HSL	13°, 100%, 37%
HSV	13°, 100%, 73%
XYZ	21.3215, 12.2207, 1.2351
YIQ	80.5670, 99.9020, 17.6780

Conversions

Conversions Part 2

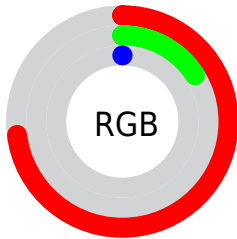
Format	Color
R_YB	187, 54, 0
Decimal	12265984
CIE Lab	41.56, 55.68, 54.31
CIE LCh	42, 77.784, 44.287
Yxy	12.2207, 0.6131, 0.3514
Android (android.graphics.Color)	4290456064 (0xFFBB2A00)
YUV	80.5670, -39.7195, 93.3417
Hunter-Lab	34.9582, 47.6930, 22.3760

Details

The Android color **4290456064** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **4278227387**, and the grayscale version is **4283519313**.

A 20% lighter version of the original color is **4294665269**, and **4286316544** is the 20% darker color. If you saturate the color by 10%, you get **4290456064**, and if you desaturate by 10%, it is **4290459667**.

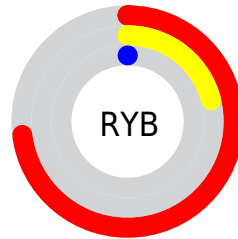
Distribution



Red (73%)

Green (16%)

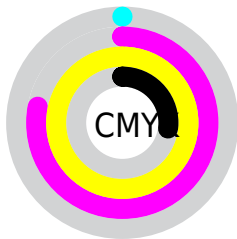
Blue (0%)



Red (73%)

Yellow (21%)

Blue (0%)

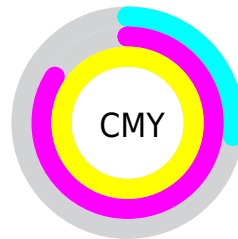


Cyan (0%)

Magenta (78%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290456064 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 4290456064 by changing the saturation by 10% instead.

 4290456064

 4290456064

 4294967280

 4288413696

 4294665269

 4286316544

 4294934350

 4284284928

 4294941543

 4282449922

 4294948993

 4280352769

 4294956188

 4278190080

 4294963895

 4294967252

 4290456064

 4290459667

 4290463525

 4290467384

 4290470987

 4290474590

 4290478448

 4290482051

 4290485910

 4290489512

Harmonies

Analogous

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



4291625031



4290456064



4287845120

Triad

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



4290456064



4278221373



4278215137

Complementary

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



4290456064



4278227387

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.



4278219743



4290456064



4278221952

Square

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



4290456064



4278219776



4278221755



4287053247

Rectangle

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



4290456064



4285555456



4278221755



4278216932

Sweetspot

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



4290456064



4294097578



4290445458



4286208078



4294638330



4286216826

Same Dimension

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



4290456064



4294063616



4290479616



4284372821



4288553984



4280223488

Inverse Universe

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



4278227387



4278238450



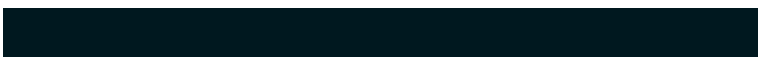
4278203835



4283784286



4278221726



4278196255

Previews

White Background



This preview shows how the Android color 4290456064 looks on a white background.

Color Contrast Check

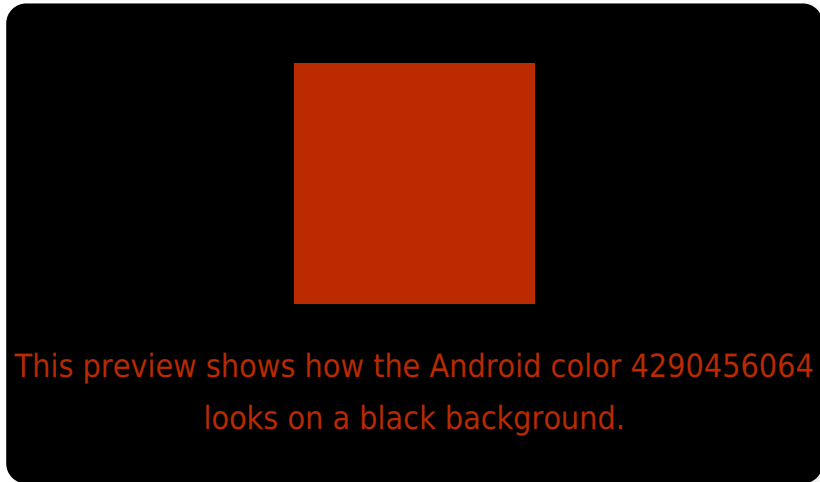
Large Text (above 18pt) WCAG AA ✓ Pass

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 4290456064 Background



This preview shows how black text looks on a background with the Android color 4290456064.



This preview shows how white text looks on a background with the Android color 4290456064.

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

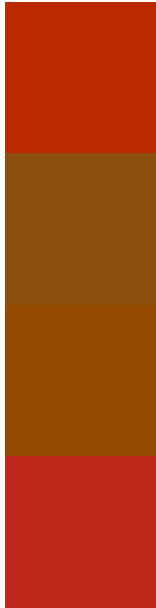


Original Color
4290456064

Protanopia
4285555734

Deuteranopia
4286406144

Trichromacy



Original Color
4290456064

Protanomaly
4287319822

Deuteranomaly
4287908608

Tritanomaly
4290455577

Monochromacy



Original Color
4290456064

Achromatopsia
4283519313

Achromatomaly
4286071604

CSS Examples

Text

The CSS property to change the color of the text to Android 4290456064 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(187, 42, 0)` looks like.

```
.text, #text, p{  
    color:rgb(187, 42, 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(187, 42, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 42, 0) }
```

Border

The CSS property to change the border of an element to Android 4290456064 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(187, 42, 0) }
```

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

```
.border{ border-color:rgb(187, 42, 0) }
```

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

Here you see how a box with a 4 pixel rgb(187, 42, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 42, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 42, 0);  
box-shadow:4px 4px 4px 4px rgb(187, 42, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4290456064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 42, 0) }
```

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

```
.background{ background-color: rgb(187, 42,  
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