

Converting Colors

Android(4290730752)

Have a look what the booklet for
Android(4290730752) contains.

Android(4290730752)	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(4290730752)

Conversions

Conversions Part 1

Format	Color
Hex	BF5B00
RGB	191, 91, 0
RGB Percent	75%, 36%, 0%
CMY	0.2510, 0.6431, 1.0000
CMYK	0.00, 0.52, 1.00, 0.25
HSL	29°, 100%, 37%
HSV	29°, 100%, 75%
XYZ	25.2269, 18.5585, 2.2525
YIQ	110.5260, 88.8110, -7.1010

Conversions

Conversions Part 2

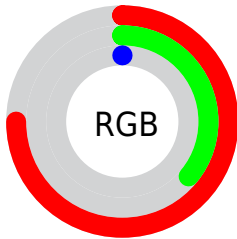
Format	Color
RYB	191, 174, 0
Decimal	12540672
CIELab	50.17, 36.12, 59.18
CIElCh	50, 69.332, 58.598
Yxy	18.5585, 0.5480, 0.4031
Android (android.graphics.Color)	4290730752 (0xFFBF5B00)
YUV	110.5260, -54.4893, 70.5757
Hunter-Lab	43.0796, 29.1383, 27.0556

Details

The Android color **4290730752** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **4278215871**, and the grayscale version is **4285493103**.

A 20% lighter version of the original color is **4294872894**, and **4286720256** is the 20% darker color. If you saturate the color by 10%, you get **4290730752**, and if you desaturate by 10%, it is **4290733331**.

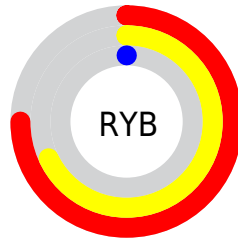
Distribution



Red (75%)

Green (36%)

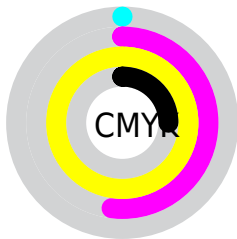
Blue (0%)



Red (75%)

Yellow (68%)

Blue (0%)

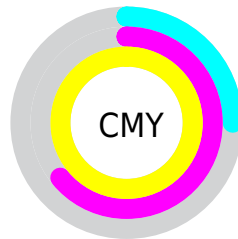


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290730752 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 4290730752 by changing the saturation by 10% instead.

 4290730752

 4290730752

4294967294

 4288692736

 4294872894

 4286720256

 4294945368

 4284747520

 4294952562

 4282843136

 4294959757

 4281270274

 4294967208

 4278190080

 4294967236

 4294967264

 4290730752

 4290733331

 4290735910

 4290738489

 4290741068

 4290743648

 4290746227

 4290748806

 4290751385

 4290753964

Harmonies

Analogous

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



4292492355



4290730752



4287853568

Triad

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



4290730752



4278227315



4285229536

Complementary

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



4290730752



4278215871

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.



4278223087



4290730752



4278227375

Square

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



4290730752



4278226229



4278226140



4290398646

Rectangle

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



4290730752



4285431808



4278226140



4281692904

Sweetspot

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



4290730752



4294430893



4290707558



4286408016



4294769916



4286414205

Same Dimension

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



4290730752



4294407680



4290754816



4284373333



4288563968



4280225536

Inverse Universe

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



4278215871



4278223607



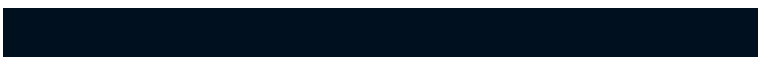
4278191807



4283783774



4278211486



4278194207

Previews

White Background



This preview shows how the Android color 4290730752 looks on a white background.

Color Contrast Check

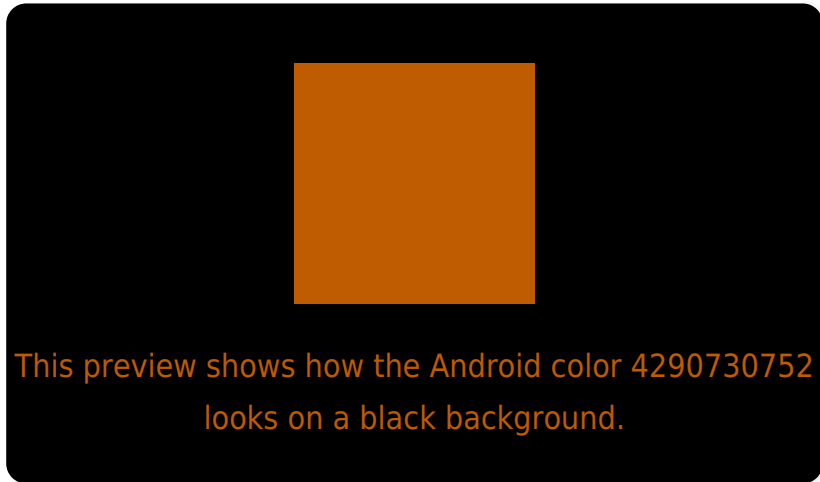
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

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

Android 4290730752 Background



This preview shows how black text looks on a background with the Android color 4290730752.



This preview shows how white text looks on a background with the Android color 4290730752.

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

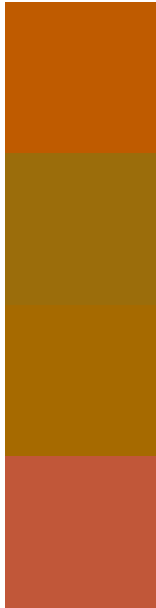


Original Color
4290730752

Protanopia
4287068177

Deuteranopia
4288180736

Trichromacy



Original Color
4290730752

Protanomaly
4288376075

Deuteranomaly
4289096192

Tritanomaly
4290860857

Monochromacy



Original Color
4290730752

Achromatopsia
4285493103

Achromatomaly
4287391815

CSS Examples

Text

The CSS property to change the color of the text to Android 4290730752 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(191, 91, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 91, 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(191, 91, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 91, 0) }
```

Border

The CSS property to change the border of an element to Android 4290730752 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(191, 91, 0) }
```

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

```
.border{ border-color:rgb(191, 91, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 91, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 91, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 91, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 91, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4290730752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 91, 0) }
```

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

```
.background{ background-color: rgb(191, 91,  
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