

Converting Colors

Android(4290641920)

Have a look what the booklet for
Android(4290641920) contains.

Android(4290641920)	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(4290641920)

Conversions

Conversions Part 1

Format	Color
Hex	BE0000
RGB	190, 0, 0
RGB Percent	75%, 0%, 0%
CMY	0.2549, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.25
HSL	0°, 100%, 37%
HSV	0°, 100%, 75%
XYZ	21.2352, 10.9471, 0.9938
YIQ	56.8100, 113.2400, 40.2800

Conversions

Conversions Part 2

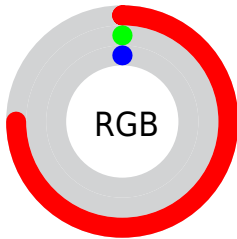
Format	Color
R_{YB}	190, 0, 0
Decimal	12451840
CIE _{Lab}	39.49, 64.21, 53.88
CIE _{LCh}	39, 83.819, 40.000
Yxy	10.9471, 0.6401, 0.3300
Android (android.graphics.Color)	4290641920 (0xFFBE0000)
YUV	56.8100, -28.0073, 116.8076
Hunter-Lab	33.0865, 56.6616, 21.3797

Details

The Android color **4290641920** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **4278238910**, and the grayscale version is **4281940281**.

A 20% lighter version of the original color is **4294922803**, and **4286447616** is the 20% darker color. If you saturate the color by 10%, you get **4290641920**, and if you desaturate by 10%, it is **4290646803**.

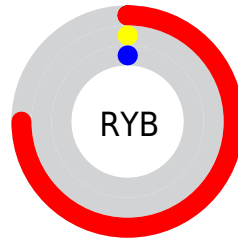
Distribution



Red (75%)

Green (0%)

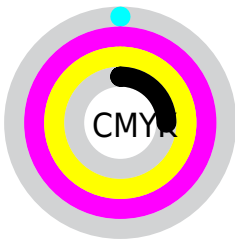
Blue (0%)



Red (75%)

Yellow (0%)

Blue (0%)

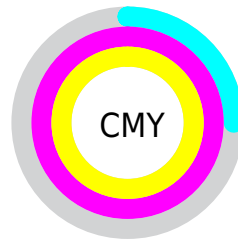


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290641920 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 4290641920 by changing the saturation by 10% instead.

 4290641920

 4290641920

 4294967276

 4288544768

 4294922803

 4286447616

 4294930251

 4284416000

 4294937700

 4282580995

 4294944894

 4280352769

 4294952344

 4278190080

 4294960051

 4294967247

 4290641920

 4290646803

 4290651686

 4290656569

 4290661452

 4290666335

 4290671218

 4290676101

 4290680984

 4290685867

Harmonies

Analogous

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



4291690570



4290641920



4288038656

Triad

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



4290641920



4278220074



4278214887

Complementary

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



4290641920



4278238910

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.



4278219232



4290641920



4278220659

Square

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



4290641920



4278218496



4278220725



4285807304

Rectangle

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



4290641920



4285684480



4278220725



4278216937

Sweetspot

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



4290641920



4294421933



4290642110



4286402640



4294769916



4286414205

Same Dimension

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



4290641920



4294377472



4290666240



4284372309



4288544768



4280221696

Inverse Universe

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



4278238910



4278253559



4278214590



4283784798



4278230686



4278198047

Previews

White Background



This preview shows how the Android color 4290641920 looks on a white background.

Color Contrast Check

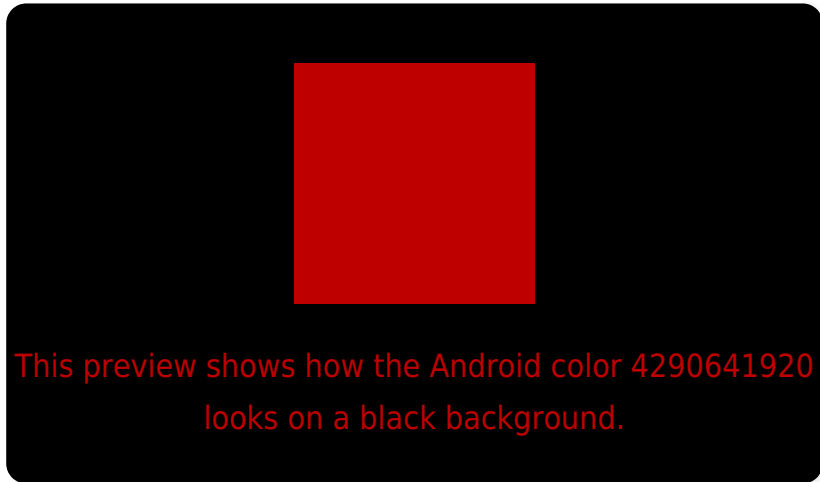
Large Text (above 18pt) WCAG AA ✓ Pass

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 4290641920 Background



This preview shows how black text looks on a background with the Android color 4290641920.



This preview shows how white text looks on a background with the Android color 4290641920.

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

4290641920

Protanopia

4285292569

Deuteranopia

4286143232

Trichromacy



Original Color
4290641920

Protanomaly
4287249680

Deuteranomaly
4287773184

Tritanomaly
4290579200

Monochromacy



Original Color
4290641920

Achromatopsia
4281940281

Achromatomaly
4285080612

CSS Examples

Text

The CSS property to change the color of the text to Android 4290641920 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(190, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(190, 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(190, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 0, 0) }
```

Border

The CSS property to change the border of an element to Android 4290641920 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(190, 0, 0) }
```

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

```
.border{ border-color:rgb(190, 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(190, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(190, 0, 0); box-shadow:4px  
4px 4px 4px rgb(190, 0, 0) }
```

Background

The CSS property to change the background color of an element to Android 4290641920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 0, 0) }
```

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

```
.background{ background-color: rgb(190, 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](#).

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