

Converting Colors

Android(4290591002)

Have a look what the booklet for
Android(4290591002) contains.

Android(4290591002)	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(4290591002)

Conversions

Conversions Part 1

Format	Color
Hex	BD391A
RGB	189, 57, 26
RGB Percent	74%, 22%, 10%
CMY	0.2588, 0.7765, 0.8980
CMYK	0.00, 0.70, 0.86, 0.26
HSL	11°, 76%, 42%
HSV	11°, 86%, 74%
XYZ	22.6358, 13.8197, 2.4517
YIQ	92.9340, 88.6230, 18.3430

Conversions

Conversions Part 2

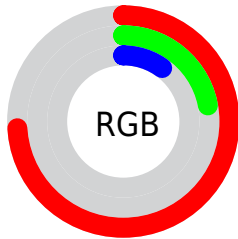
Format	Color
RYB	189, 64, 26
Decimal	12400922
CIELab	43.97, 51.42, 46.93
CIElCh	44, 69.613, 42.384
Yxy	13.8197, 0.5818, 0.3552
Android (android.graphics.Color)	4290591002 (0xFFBD391A)
YUV	92.9340, -32.9985, 84.2499
Hunter-Lab	37.1748, 43.6333, 22.1121

Details

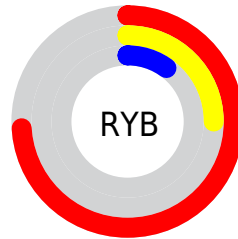
The Android color **4290591002** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **4279934653**, and the grayscale version is **4284308829**.

A 20% lighter version of the original color is **4294733898**, and **4286513152** is the 20% darker color. If you saturate the color by 10%, you get **4290587143**, and if you desaturate by 10%, it is **4290594861**.

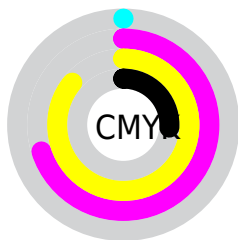
Distribution



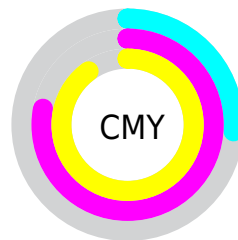
- Red (74%)
- Green (22%)
- Blue (10%)



- Red (74%)
- Yellow (25%)
- Blue (10%)



- Cyan (0%)
- Magenta (70%)
- Yellow (86%)
- Black (26%)



- Cyan (26%)
- Magenta (78%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290591002 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 4290591002 by changing the saturation by 10% instead.



4290591002



4290591002

4294967295



4288551425



4294733898



4286513152



4294937442



4284547072



4294944636



4282646529



4294951830



4280745985



4294959281



4278190080



4294966733



4294967273



4290591002



4290591002

■ 4290587143

■ 4290594861

■ 4290585600

■ 4290598976

■ 4290602835

■ 4290606694

■ 4290610809

■ 4290614667

■ 4290618526

■ 4290622385

■ 4290626500

Harmonies

Analogous

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



4291498835



4290591002



4288305152

Triad

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



4290591002



4278222402



4278216923

Complementary

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



4290591002



4279934653

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.



4278221015



4290591002



4278222975

Square

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



4290591002



4280056064



4278222773



4286991294

Rectangle

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



4290591002



4286277376



4278222773



4278218461

Sweetspot

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



4290591002



4294295989



4290583199



4286209108



4294638330



4286216826

Same Dimension

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



4290591002



4294258432



4290611482



4284372821



4288552448



4280223232

Inverse Universe

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



4279934653



4278241013



4279914173



4283784542



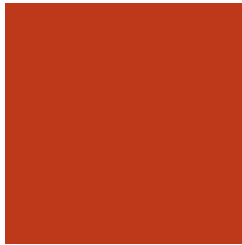
4278223006



4278196511

Previews

White Background



This preview shows how the Android color 4290591002 looks on a white background.

Color Contrast Check

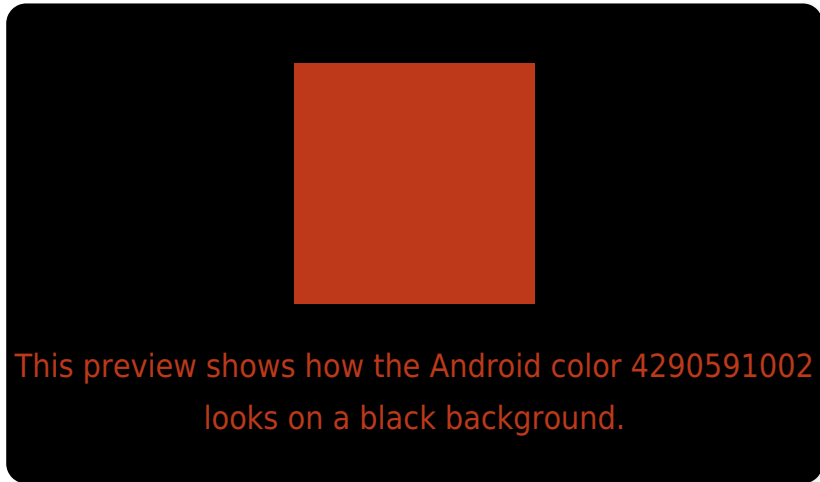
Large Text (above 18pt) WCAG AA ✓ Pass

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 4290591002 Background



This preview shows how black text looks on a background with the Android color 4290591002.



This preview shows how white text looks on a background with the Android color 4290591002.

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
4290591002

Protanopia
4285884710

Deuteranopia
4286931712

Trichromacy



Original Color
4290591002

Protanomaly
4287584290

Deuteranomaly
4288238601

Tritanomaly
4290656045

Monochromacy



Original Color
4290591002

Achromatopsia
4284308829

Achromatomaly
4286599237

CSS Examples

Text

The CSS property to change the color of the text to Android 4290591002 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(189, 57, 26)` looks like.

```
.text, #text, p{  
    color:rgb(189, 57, 26)  
}
```

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(189, 57, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 57, 26) }
```

Border

The CSS property to change the border of an element to Android 4290591002 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(189, 57, 26) }
```

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

```
.border{ border-color:rgb(189, 57, 26) }
```

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

Here you see how a box with a 4 pixel rgb(189, 57, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 57, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 57, 26);  
box-shadow:4px 4px 4px 4px rgb(189, 57,  
26) }
```

Background

The CSS property to change the background color of an element to Android 4290591002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 57, 26) }
```

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

```
.background{ background-color: rgb(189, 57,  
26) }
```

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