

Converting Colors

Android(4291057694)

Have a look what the booklet for
Android(4291057694) contains.

| | |
|--|----|
| Android(4291057694) | 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(4291057694)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C4581E |
| RGB | 196, 88, 30 |
| RGB Percent | 77%, 35%, 12% |
| CMY | 0.2314, 0.6549, 0.8824 |
| CMYK | 0.00, 0.55, 0.85, 0.23 |
| HSL | 21°, 73%, 44% |
| HSV | 21°, 85%, 77% |
| XYZ | 26.4890, 18.8089, 3.4627 |
| YIQ | 113.6800, 82.9860, 4.8580 |

Conversions

Conversions Part 2

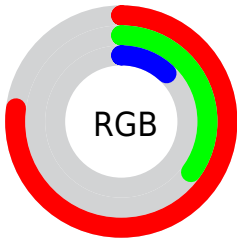
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 196, 119, 30 |
| Decimal | 12867614 |
| CIE Lab | 50.46, 40.12, 51.23 |
| CIE LCh | 50, 65.067, 51.933 |
| Yxy | 18.8089, 0.5432, 0.3857 |
| Android (android.graphics.Color) | 4291057694 (0xFFC4581E) |
| YUV | 113.6800, -41.2542, 72.1946 |
| Hunter-Lab | 43.3693, 33.1277, 25.6247 |

Details

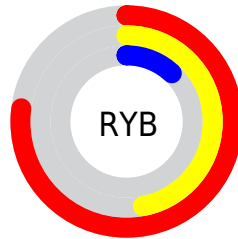
The Android color **4291057694** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **4280191684**, and the grayscale version is **4285690482**.

A 20% lighter version of the original color is **4294937680**, and **4287046912** is the 20% darker color. If you saturate the color by 10%, you get **4291054346**, and if you desaturate by 10%, it is **4291061042**.

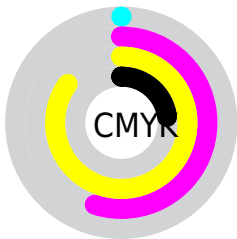
Distribution



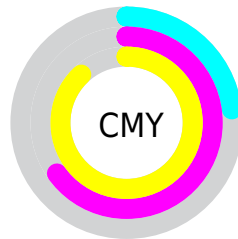
- Red (77%)
- Green (35%)
- Blue (12%)



- Red (77%)
- Yellow (47%)
- Blue (12%)



- Cyan (0%)
- Magenta (55%)
- Yellow (85%)
- Black (23%)



- Cyan (23%)
- Magenta (65%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291057694 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 4291057694 by changing the saturation by 10% instead.



4291057694



4291057694

4294967295



4289019649



4294937680



4287046912



4294944873



4285072896



4294951811



4283170816



4294959262



4281532418



4294966714



4278190080



4294967254



4294967282



4291057694



4291057694

■ 4291054346

■ 4291061042

■ 4291052544

■ 4291064389

■ 4291067481

■ 4291070828

■ 4291074176

■ 4291077524

■ 4291080615

■ 4291083963

■ 4291087310

Harmonies

Analogous

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



4292362066



4291057694



4288507904

Triad

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



4291057694



4278227047



4283658464

Complementary

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



4291057694



4280191684

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.



4278223847



4291057694



4278227360

Square

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



4291057694



4279012141



4278226383



4289418685

Rectangle

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



4291057694



4286414080



4278226383



4278220774

Sweetspot

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



4291057694



4294956735



4291042957



4286605145



4278190080



4286611584

Same Dimension

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



4291057694



4294924544



4291078174



4284570455



4288755712



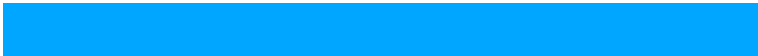
4280355840

Inverse Universe

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



4280191684



4278232831



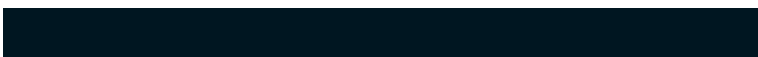
4280171204



4283915873



4278217121



4278195745

Previews

White Background



This preview shows how the Android color 4291057694 looks on a white background.

Color Contrast Check

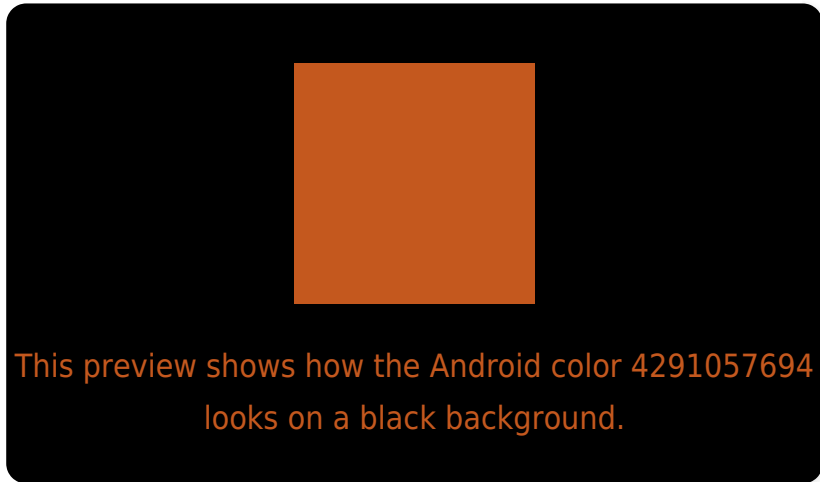
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291057694 Background



This preview shows how black text looks on a background with the Android color 4291057694.



This preview shows how white text looks on a background with the Android color 4291057694.

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
4291057694

Protanopia
4287068454

Deuteranopia
4288180752

Trichromacy



Original Color
4291057694

Protanomaly
4288507171

Deuteranomaly
4289227029

Tritanomaly
4291122243

Monochromacy



Original Color
4291057694

Achromatopsia
4285690482

Achromatomaly
4287654227

CSS Examples

Text

The CSS property to change the color of the text to Android 4291057694 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(196, 88, 30)` looks like.

```
.text, #text, p{  
    color:rgb(196, 88, 30)  
}
```

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(196, 88, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 88, 30) }
```

Border

The CSS property to change the border of an element to Android 4291057694 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(196, 88, 30) }
```

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

```
.border{ border-color:rgb(196, 88, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 88, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 88, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 88, 30);  
box-shadow:4px 4px 4px 4px rgb(196, 88,  
30) }
```

Background

The CSS property to change the background color of an element to Android 4291057694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 88, 30) }
```

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

```
.background{ background-color: rgb(196, 88,  
30) }
```

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