

Converting Colors

Android(4284022822)

Have a look what the booklet for
Android(4284022822) contains.

| | |
|--|----|
| Android(4284022822) | 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(4284022822)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 590026 |
| RGB | 89, 0, 38 |
| RGB Percent | 35%, 0%, 15% |
| CMY | 0.6510, 1.0000, 0.8510 |
| CMYK | 0.00, 1.00, 0.57, 0.65 |
| HSL | 334°, 100%, 17% |
| HSV | 334°, 100%, 35% |
| XYZ | 4.4697, 2.2638, 2.0351 |
| YIQ | 30.9430, 40.8460, 30.6860 |

Conversions

Conversions Part 2

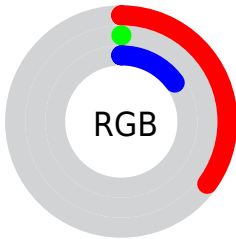
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 89, 0, 38 |
| Decimal | 5832742 |
| CIE Lab | 16.81, 39.03, 3.50 |
| CIE LCh | 17, 39.188, 5.125 |
| Yxy | 2.2638, 0.5097, 0.2582 |
| Android (android.graphics.Color) | 4284022822 (0xFF590026) |
| YUV | 30.9430, 3.4791, 50.9160 |
| Hunter-Lab | 15.0459, 26.6966, 2.5126 |

Details

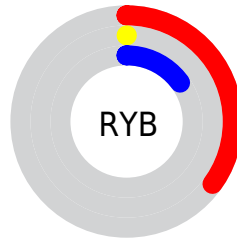
The Android color **4284022822** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **4278212915**, and the grayscale version is **4280229663**.

A 20% lighter version of the original color is **4287576402**, and **4280745985** is the 20% darker color. If you saturate the color by 10%, you get **4284022822**, and if you desaturate by 10%, it is **4284025131**.

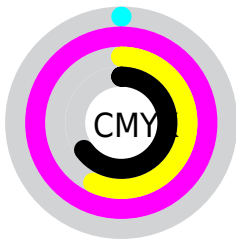
Distribution



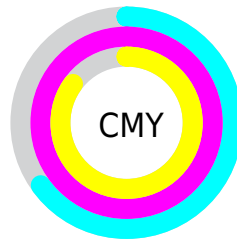
- Red (35%)
- Green (0%)
- Blue (15%)



- Red (35%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (65%)



- Cyan (65%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284022822 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 4284022822 by changing the saturation by 10% instead.

 4284022822

 4284022822

 4294964991


 4282318865

 4287576402

 4280745985

 4289483371

 4278190080

 4291325060

 4293232542

 4294943161

 4294950356

 4294957553

 4284022822

■ 4284025131

■ 4284027440

■ 4284029749

■ 4284032058

■ 4284034368

■ 4284036421

■ 4284038730

■ 4284041039

■ 4284043348

Harmonies

Analogous

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



4283305026



4284022822



4283763976

Triad

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



4284022822



4279447552



4278203229

Complementary

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



4284022822



4278212915

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.



4278203721



4284022822



4278203408

Square

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



4284022822



4281346560



4278203694



4278201442

Rectangle

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



4284022822



4283243008



4278203694



4278203480

Sweetspot

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



4284022822



4285747295



4281466969



4282066479



4290427578



4282071867

Same Dimension

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



4284022822



4285726769



4284024320



4281018153



4285202478



4293591140

Inverse Universe

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



4284022822



4285726769



4278211417



4281018153



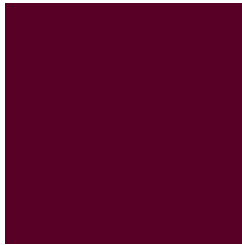
4285202478



4293591140

Previews

White Background



This preview shows how the Android color 4284022822 looks on a white background.

Color Contrast Check

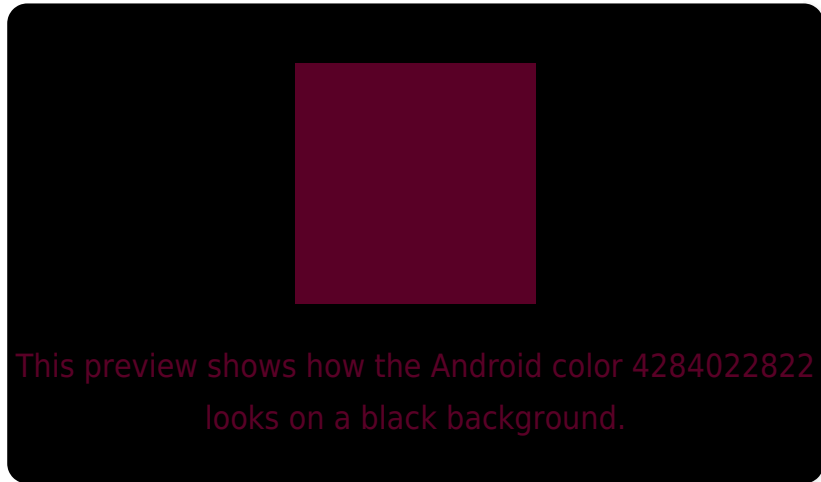
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4284022822 Background



This preview shows how black text looks on a background with the Android color 4284022822.



This preview shows how white text looks on a background with the Android color 4284022822.

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

4284022822

Protanopia

4281085239

Deuteranopia

4281740322

Trichromacy



Original Color

4284022822

Protanomaly

4282129713

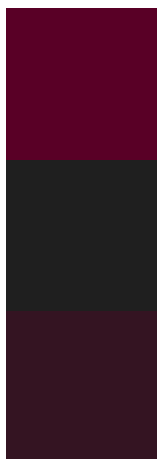
Deuteranomaly

4282588195

Tritanomaly

4283959831

Monochromacy



Original Color

4284022822

Achromatopsia

4280229663

Achromatomaly

4281603106

CSS Examples

Text

The CSS property to change the color of the text to Android 4284022822 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(89, 0, 38)` looks like.

```
.text, #text, p{  
    color:rgb(89, 0, 38)  
}
```

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(89, 0, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 0, 38) }
```

Border

The CSS property to change the border of an element to Android 4284022822 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(89, 0, 38) }
```

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

```
.border{ border-color:rgb(89, 0, 38) }
```

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

Here you see how a box with a 4 pixel rgb(89, 0, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 0, 38); -webkit-box-shadow:4px  
4px 4px 4px rgb(89, 0, 38); box-shadow:4px  
4px 4px 4px rgb(89, 0, 38) }
```

Background

The CSS property to change the background color of an element to Android 4284022822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 0, 38) }
```

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

```
.background{ background-color: rgb(89, 0,  
38) }
```

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