

Converting Colors

Android(4283630123)

Have a look what the booklet for
Android(4283630123) contains.

Android(4283630123)	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(4283630123)

Conversions

Conversions Part 1

Format	Color
Hex	53022B
RGB	83, 2, 43
RGB Percent	33%, 1%, 17%
CMY	0.6745, 0.9922, 0.8314
CMYK	0.00, 0.98, 0.48, 0.67
HSL	330°, 95%, 17%
HSV	330°, 98%, 33%
XYZ	4.0250, 2.0568, 2.4704
YIQ	30.8930, 35.1150, 29.9230

Conversions

Conversions Part 2

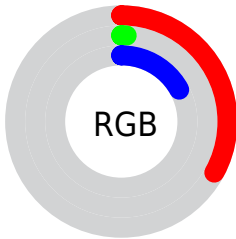
Format	Color
RYB	83, 2, 43
Decimal	5440043
CIELab	15.78, 37.29, -1.82
CIELCh	16, 37.330, 357.203
Yxy	2.0568, 0.4706, 0.2405
Android (android.graphics.Color)	4283630123 (0xFF53022B)
YUV	30.8930, 5.9688, 45.6978
Hunter-Lab	14.3417, 24.9986, -0.1736

Details

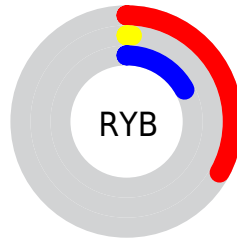
The Android color **4283630123** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **4278342442**, and the grayscale version is **4280229663**.

A 20% lighter version of the original color is **4287117656**, and **4280352769** is the 20% darker color. If you saturate the color by 10%, you get **4283629610**, and if you desaturate by 10%, it is **4283632175**.

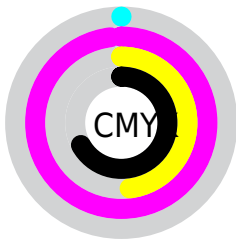
Distribution



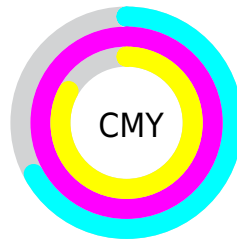
- Red (33%)
- Green (1%)
- Blue (17%)



- Red (33%)
- Yellow (1%)
- Blue (17%)



- Cyan (0%)
- Magenta (98%)
- Yellow (48%)
- Black (67%)



- Cyan (67%)
- Magenta (99%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283630123 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 4283630123 by changing the saturation by 10% instead.

 4283630123

 4283630123

 4294964735

 4281991191

 42871117656

 4280352769

 4288959089

 4278190080

 4290800778

 4292708004

 4294615487

 4294950107

 4294957304

 4283630123

 4283630123

■ 4283629610

■ 4283632175

■ 4283634483

■ 4283636535

■ 4283638587

■ 4283640895

■ 4283642948

■ 4283645000

■ 4283647052

■ 4283649360

Harmonies

Analogous

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



4282650948



4283630123



4283631632

Triad

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



4283630123



4279971072



4278202708

Complementary

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



4283630123



4278342442

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.



4278202943



4283630123



4278202373

Square

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



4283630123



4281607424



4278202916



4278201437

Rectangle

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



4283630123



4283241472



4278202916



4278202958

Sweetspot

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



4283630123



4285221980



4280877651



4281738028



4290098613



4281742902

Same Dimension

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



4283630123



4285202486



4283630083



4280886567



4285071413



4293394549

Inverse Universe

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



4283630123



4285202486



4278342482



4280886567



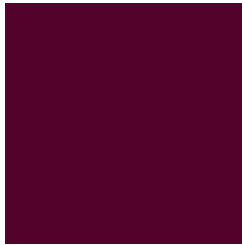
4285071413



4293394549

Previews

White Background



This preview shows how the Android color 4283630123 looks on a white background.

Color Contrast Check

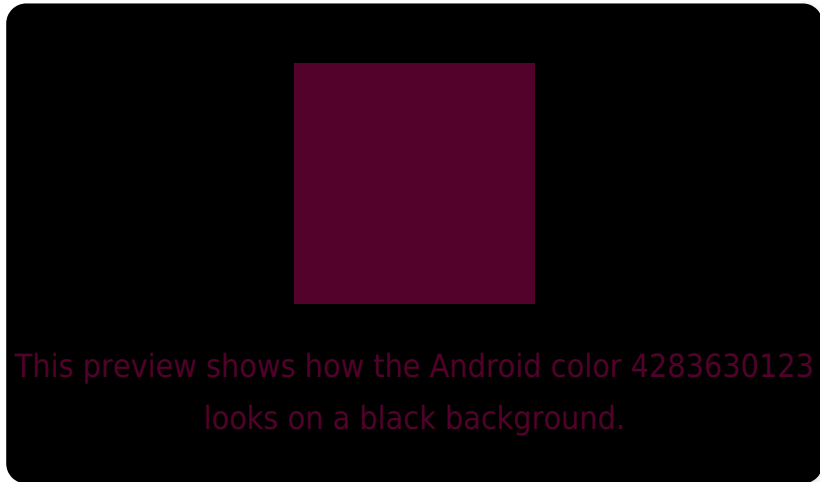
Large Text (above 18pt) WCAG AA ✓ Pass

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

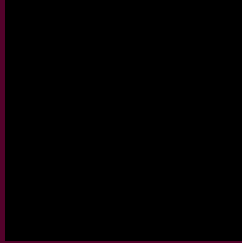
Any Text WCAG AA × Fail

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 4283630123 Background



This preview shows how black text looks on a background with the Android color 4283630123.



This preview shows how white text looks on a background with the Android color 4283630123.

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
4283630123

Protanopia
4280625982

Deuteranopia
4281412136

Trichromacy



Original Color

4283630123

Protanomaly

4281736247

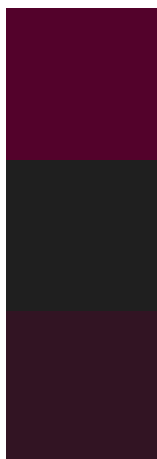
Deuteranomaly

4282194729

Tritanomaly

4283567130

Monochromacy



Original Color

4283630123

Achromatopsia

4280229663

Achromatomaly

4281472035

CSS Examples

Text

The CSS property to change the color of the text to Android 4283630123 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(83, 2, 43)` looks like.

```
.text, #text, p{  
    color:rgb(83, 2, 43)  
}
```

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(83, 2, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 2, 43) }
```

Border

The CSS property to change the border of an element to Android 4283630123 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(83, 2, 43) }
```

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

```
.border{ border-color:rgb(83, 2, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 2, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 2, 43); -webkit-box-shadow:4px  
4px 4px 4px rgb(83, 2, 43); box-shadow:4px  
4px 4px 4px rgb(83, 2, 43) }
```

Background

The CSS property to change the background color of an element to Android 4283630123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 2, 43) }
```

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

```
.background{ background-color: rgb(83, 2,  
43) }
```

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