

Converting Colors

Android(4283629624)

Have a look what the booklet for
Android(4283629624) contains.

Android(4283629624)	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(4283629624)

Conversions

Conversions Part 1

Format	Color
Hex	530038
RGB	83, 0, 56
RGB Percent	33%, 0%, 22%
CMY	0.6745, 1.0000, 0.7804
CMYK	0.00, 1.00, 0.33, 0.67
HSL	320°, 100%, 16%
HSV	320°, 100%, 33%
XYZ	4.2811, 2.1245, 3.9258
YIQ	31.2010, 31.4920, 35.0120

Conversions

Conversions Part 2

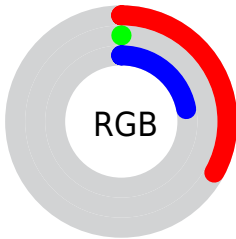
Format	Color
R_{YB}	83, 0, 56
Decimal	5439544
CIE _{Lab}	16.13, 39.42, -10.68
CIE _{LCh}	16, 40.840, 344.840
Yxy	2.1245, 0.4144, 0.2056
Android (android.graphics.Color)	4283629624 (0xFF530038)
YUV	31.2010, 12.2259, 45.4277
Hunter-Lab	14.5757, 26.9202, -5.7661

Details

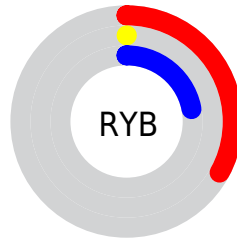
The Android color **4283629624** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **4278211355**, and the grayscale version is **4280229663**.

A 20% lighter version of the original color is **4287117671**, and **4280483851** is the 20% darker color. If you saturate the color by 10%, you get **4283629624**, and if you desaturate by 10%, it is **4283631675**.

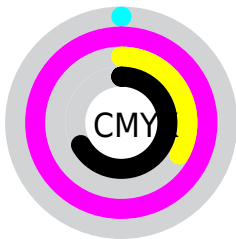
Distribution



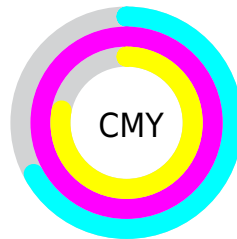
- Red (33%)
- Green (0%)
- Blue (22%)



- Red (33%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (67%)



- Cyan (67%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283629624 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 4283629624 by changing the saturation by 10% instead.

 4283629624

 4283629624

 4294964735

 4281991203

 42871117671

 4280483851

 4288893568

 4278190080

 4290735002

 4292642485

 4294549968

 4294950125

 4294957311

 4283629624

■ 4283631675

■ 4283633981

■ 4283636032

■ 4283638083

■ 4283640133

■ 4283642440

■ 4283644491

■ 4283646542

■ 4283648848

Harmonies

Analogous

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



4281997138



4283629624



4284022811

Triad

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



4283629624



4280691456



4278203217

Complementary

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



4283629624



4278211355

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.



4278203446



4283629624



4278202368

Square

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



4283629624



4282327296



4278203160



4278202465

Rectangle

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



4283629624



4283762692



4278203160



4278203465

Sweetspot

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



4283629624



4285221729



4279894099



4281737775



4290098613



4281742902

Same Dimension

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



4283629624



4285202504



4283629583



4280886567



4285071431



4293394589

Inverse Universe

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



4283629624



4285202504



4278211396



4280886567



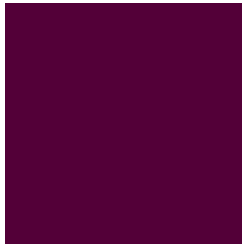
4285071431



4293394589

Previews

White Background



This preview shows how the Android color 4283629624 looks on a white background.

Color Contrast Check

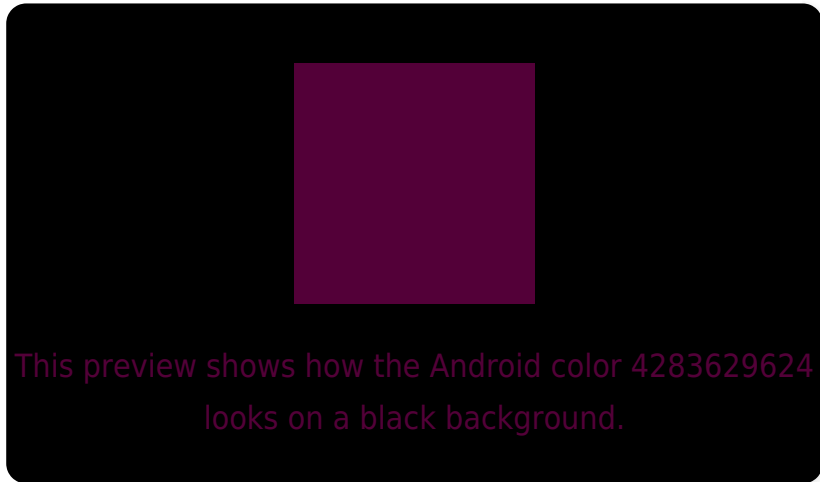
Large Text (above 18pt) WCAG AA ✓ Pass

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

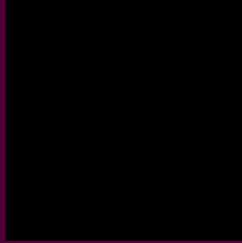
Any Text WCAG AA × Fail

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 4283629624 Background



This preview shows how black text looks on a background with the Android color 4283629624.



This preview shows how white text looks on a background with the Android color 4283629624.

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
4283629624

Protanopia
4279970640

Deuteranopia
4281150260

Trichromacy



Original Color
4283629624

Protanomaly
4281277255

Deuteranomaly
4282063669

Tritanomaly
4283567651

Monochromacy



Original Color
4283629624

Achromatopsia
4280229663

Achromatomaly
4281472040

CSS Examples

Text

The CSS property to change the color of the text to Android 4283629624 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, 0, 56)` looks like.

```
.text, #text, p{  
    color:rgb(83, 0, 56)  
}
```

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, 0, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 0, 56) }
```

Border

The CSS property to change the border of an element to Android 4283629624 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, 0, 56) }
```

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

```
.border{ border-color:rgb(83, 0, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 0, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 0, 56); -webkit-box-shadow:4px  
4px 4px 4px rgb(83, 0, 56); box-shadow:4px  
4px 4px 4px rgb(83, 0, 56) }
```

Background

The CSS property to change the background color of an element to Android 4283629624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 0, 56) }
```

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

```
.background{ background-color: rgb(83, 0,  
56) }
```

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