

Converting Colors

Android(4283669024)

Have a look what the booklet for
Android(4283669024) contains.

Android(4283669024)	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(4283669024)

Conversions

Conversions Part 1

Format	Color
Hex	539A20
RGB	83, 154, 32
RGB Percent	33%, 60%, 13%
CMY	0.6745, 0.3961, 0.8745
CMYK	0.46, 0.00, 0.79, 0.40
HSL	95°, 66%, 36%
HSV	95°, 79%, 60%
XYZ	15.3836, 25.0545, 5.3917
YIQ	118.8630, -3.1540, -52.9940

Conversions

Conversions Part 2

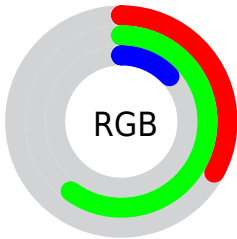
Format	Color
R_{YB}	32, 154, 103
Decimal	5478944
CIE _{Lab}	57.13, -42.72, 52.64
CIE _{LCh}	57, 67.796, 129.063
Y _{xy}	25.0545, 0.3357, 0.5467
Android (android.graphics.Color)	4283669024 (0xFF539A20)
YUV	118.8630, -42.8235, -31.4519
Hunter-Lab	50.0545, -32.7356, 28.6516

Details

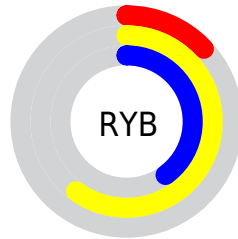
The Android color `4283669024` is a dark color, and the websafe version is hex `669900`. A complement of this color would be `4284948634`, and the grayscale version is `4286019447`.

A 20% lighter version of the original color is `4287353175`, and `4279592448` is the 20% darker color. If you saturate the color by 10%, you get `4283079185`, and if you desaturate by 10%, it is `4284258863`.

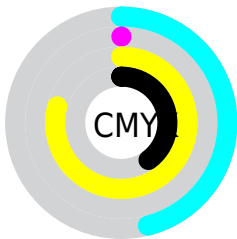
Distribution



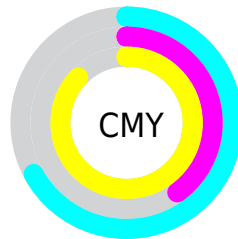
- Red (33%)
- Green (60%)
- Blue (13%)



- Red (13%)
- Yellow (60%)
- Blue (40%)



- Cyan (46%)
- Magenta (0%)
- Yellow (79%)
- Black (40%)



- Cyan (67%)
- Magenta (40%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283669024 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 4283669024 by changing the saturation by 10% instead.



4283669024



4283669024

4294967295



4281827328



4287353175



4279592448



4289195633



4278209792



4291035020



4278203904



4292935592



4278198272



4294901700



4278190080



4294967265

4294967294



4283669024



4283669024

■ 4283079185

■ 4284258863

■ 4282489345

■ 4284848703

■ 4282423808

■ 4285438542

■ 4286028382

■ 4286618221

■ 4287208060

■ 4287797900

■ 4288387739

■ 4288977579

Harmonies

Analogous

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



4287925248



4283669024



4278231388

Triad

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



4283669024



4278230008



4294068602

Complementary

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



4283669024



4284948634

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.



4292695221



4283669024



4278225663

Square

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



4283669024



4278232019



4288770534



4293352513

Rectangle

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



4283669024



4278232197



4288770534



4293872270

Sweetspot

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



4283669024



4289579417



4288308512



4283786824



4293322470



4284900966

Same Dimension

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



4283669024



4284139786



4280326696



4282928453



4282092544



4278521088

Inverse Universe

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



4284948634



4286122697



4288290962



4282991949



4283564172



4278648845

Previews

White Background



This preview shows how the Android color 4283669024 looks on a white background.

Color Contrast Check

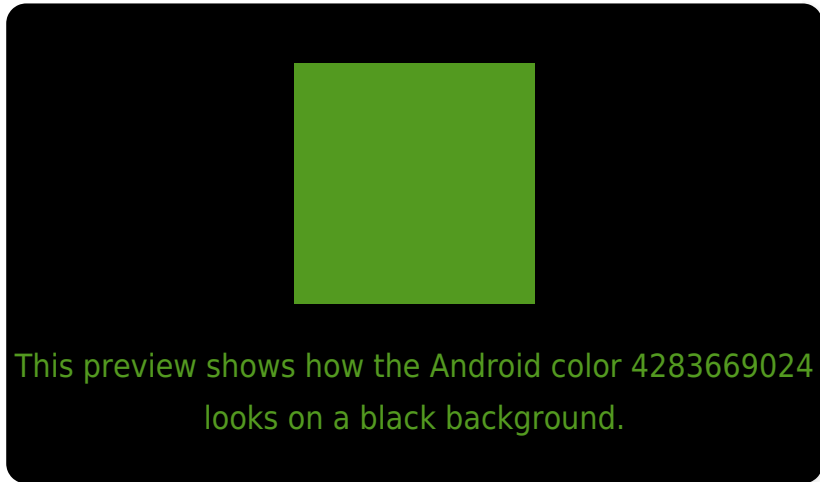
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283669024 Background



This preview shows how black text looks on a background with the Android color 4283669024.



This preview shows how white text looks on a background with the Android color 4283669024.

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

4283669024

Protanopia

4288252188

Deuteranopia

4289430060

Trichromacy



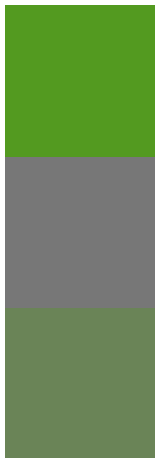
Original Color
4283669024

Protanomaly
4286615325

Deuteranomaly
4287335208

Tritanomaly
4284453742

Monochromacy



Original Color
4283669024

Achromatopsia
4286019447

Achromatomaly
4285170775

CSS Examples

Text

The CSS property to change the color of the text to Android 4283669024 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, 154, 32)` looks like.

```
.text, #text, p{  
    color:rgb(83, 154, 32)  
}
```

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, 154, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 154, 32) }
```

Border

The CSS property to change the border of an element to Android 4283669024 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, 154, 32) }
```

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

```
.border{ border-color:rgb(83, 154, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 154, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 154, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 154, 32);  
box-shadow:4px 4px 4px 4px rgb(83, 154,  
32) }
```

Background

The CSS property to change the background color of an element to Android 4283669024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 154, 32) }
```

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

```
.background{ background-color: rgb(83, 154,  
32) }
```

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