

Converting Colors

Android(4283667094)

Have a look what the booklet for
Android(4283667094) contains.

Android(4283667094)	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(4283667094)

Conversions

Conversions Part 1

Format	Color
Hex	539296
RGB	83, 146, 150
RGB Percent	33%, 57%, 59%
CMY	0.6745, 0.4275, 0.4118
CMYK	0.45, 0.03, 0.00, 0.41
HSL	184°, 29%, 46%
HSV	184°, 45%, 59%
XYZ	19.3512, 24.5988, 32.5823
YIQ	127.6190, -38.8320, -12.1120

Conversions

Conversions Part 2

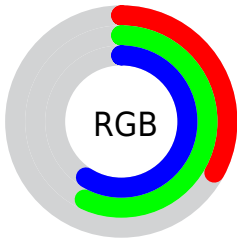
Format	Color
R_{YB}	83, 115, 150
Decimal	5477014
CIE _{Lab}	56.68, -19.14, -8.46
CIE _{LCh}	57, 20.928, 203.841
Yxy	24.5988, 0.2529, 0.3214
Android (android.graphics.Color)	4283667094 (0xFF539296)
YUV	127.6190, 11.0338, -39.1309
Hunter-Lab	49.5972, -17.1502, -4.2319

Details

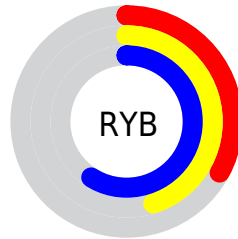
The Android color `4283667094` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `4288042835`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4287219916`, and `4279983971` is the 20% darker color. If you saturate the color by 10%, you get `4282683798`, and if you desaturate by 10%, it is `4284650390`.

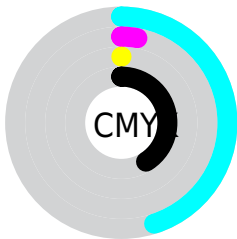
Distribution



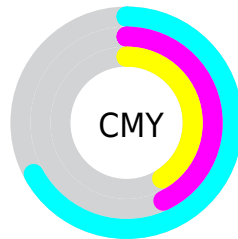
- Red (33%)
- Green (57%)
- Blue (59%)



- Red (33%)
- Yellow (45%)
- Blue (59%)



- Cyan (45%)
- Magenta (3%)
- Yellow (0%)
- Black (41%)



- Cyan (67%)
- Magenta (43%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283667094 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 4283667094 by changing the saturation by 10% instead.



4283667094



4283667094

4294967295



4281890940



4287219916



4279983971



4288996584



4278208331



4290838527



4278202677



4292739071



4278197536



4294639615



4278190087



4278190080



4283667094




4283667094



4282683798



4284650390

 4281700502

 4285633686

 4280717206

 4286616982

 4279733910

 4287600278


 4278750870

 4288583318

 4278226326

 4289566614

 4290549910

 4291533206

 4292516502

Harmonies

Analogous

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



4284387971



4283667094



4283994277

Triad

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



4283667094



4288446366



4288251236

Complementary

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



4283667094



4288042835

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.



4289167467



4283667094



4289362828

Square

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



4283667094



4287006121



4289559418



4287007590

Rectangle

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



4283667094



4284845482



4289559418



4288578405

Sweetspot

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



4283667094



4289315010



4283668054



4283523169



4292927712



4284572001

Same Dimension

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



4283667094



4284071106



4283658646



4282600010



4278223242



4278192650

Inverse Universe

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



4288041874



4290927036



4288051283



4283056970



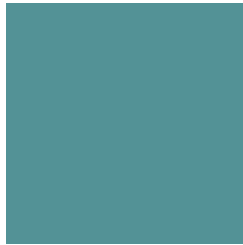
4287234177



4278845450

Previews

White Background



This preview shows how the Android color 4283667094 looks on a white background.

Color Contrast Check

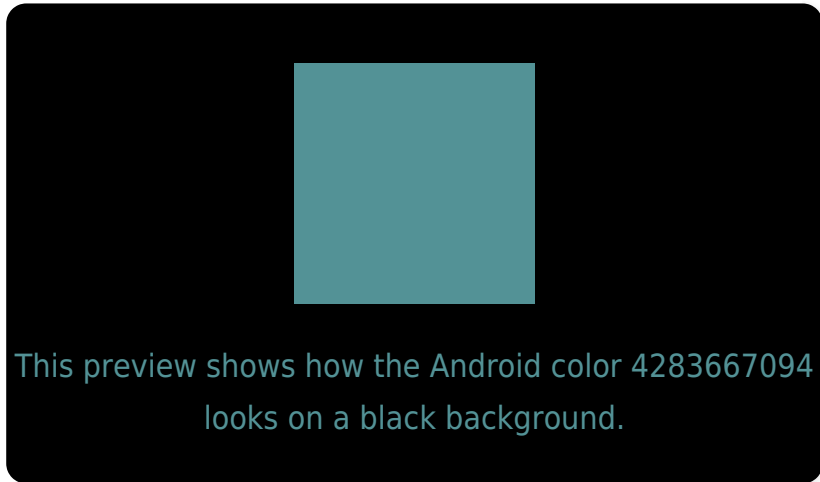
Large Text (above 18pt) WCAG AA ✓ Pass

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

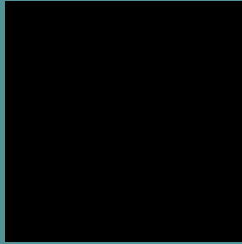
Any Text WCAG AA ✓ Pass

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 4283667094 Background



This preview shows how black text looks on a background with the Android color 4283667094.



This preview shows how white text looks on a background with the Android color 4283667094.

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
4283667094

Protanopia
4287137679

Deuteranopia
4287399065

Trichromacy



Original Color
4283667094

Protanomaly
4285893522

Deuteranomaly
4286024088

Tritanomaly
4283732378

Monochromacy



Original Color
4283667094

Achromatopsia
4286611584

Achromatomaly
4285564808

CSS Examples

Text

The CSS property to change the color of the text to Android 4283667094 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, 146, 150)` looks like.

```
.text, #text, p{  
    color:rgb(83, 146, 150)  
}
```

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, 146, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 146, 150) }
```

Border

The CSS property to change the border of an element to Android 4283667094 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, 146, 150) }
```

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

```
.border{ border-color:rgb(83, 146, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 146, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 146, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 146, 150);  
box-shadow:4px 4px 4px 4px rgb(83, 146,  
150) }
```

Background

The CSS property to change the background color of an element to Android 4283667094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 146, 150) }
```

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

```
.background{ background-color: rgb(83, 146,  
150) }
```

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