

Converting Colors

Android(4278800696)

Have a look what the booklet for
Android(4278800696) contains.

| | |
|--|----|
| Android(4278800696) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

Android(4278800696)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 095138 |
| RGB | 9, 81, 56 |
| RGB Percent | 4%, 32%, 22% |
| CMY | 0.9647, 0.6824, 0.7804 |
| CMYK | 0.89, 0.00, 0.31, 0.68 |
| HSL | 159°, 80%, 18% |
| HSV | 159°, 89%, 32% |
| XYZ | 3.7689, 6.2285, 4.7450 |
| YIQ | 56.6220, -34.8870, -23.0390 |

Conversions

Conversions Part 2

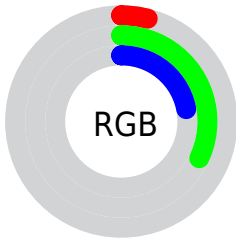
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 9, 53, 81 |
| Decimal | 610616 |
| CIE _{Lab} | 29.98, -27.70, 8.90 |
| CIE _{LCh} | 30, 29.090, 162.189 |
| Yxy | 6.2285, 0.2557, 0.4225 |
| Android (android.graphics.Color) | 4278800696 (0xFF095138) |
| YUV | 56.6220, -0.3066, -41.7645 |
| Hunter-Lab | 24.9569, -16.7181, 6.1972 |

Details

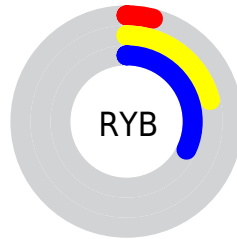
The Android color **4278800696** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4283500834**, and the grayscale version is **4281940281**.

A 20% lighter version of the original color is **4282614631**, and **4278199309** is the 20% darker color. If you saturate the color by 10%, you get **4278276405**, and if you desaturate by 10%, it is **4279324987**.

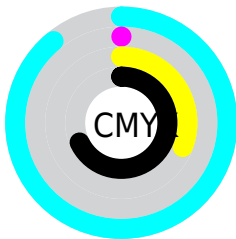
Distribution



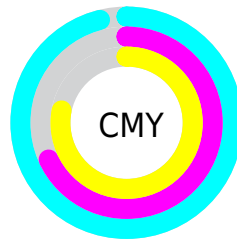
- Red (4%)
- Green (32%)
- Blue (22%)



- Red (4%)
- Yellow (21%)
- Blue (32%)



- Cyan (89%)
- Magenta (0%)
- Yellow (31%)
- Black (68%)



- Cyan (96%)
- Magenta (68%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278800696 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 4278800696 by changing the saturation by 10% instead.

 4278800696

 4278800696

4294967295

 4278204706

 4282614631

 4278199309

 4284325248

 4278190080

 4286036122

 4287812789

 4289589712

 4291428333

 4293328895

 4278800696

 4278800696

■ 4278276405

■ 4279324987

■ 4278210869

■ 4279849278

■ 4280373568

■ 4280897859

■ 4281422150

■ 4282011977

■ 4282536268

■ 4283060558

■ 4283584849

Harmonies

Analogous

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



4281486884



4278800696



4278211151

Triad

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



4278800696



4281353843



4285282345

Complementary

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



4278800696



4283500834

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.



4285608766



4278800696



4283710824

Square

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



4278800696



4278209905



4285085013



4284432667

Rectangle

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



4278800696



4278210910



4285085013



4285478448

Sweetspot

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



4278800696



4283197791



4280439049



4280563248



4290098613



4281742902

Same Dimension

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



4278800696



4278217028



4278797905



4280625447



4278249623

Inverse Universe

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



4283500834



4285071396



4283503625



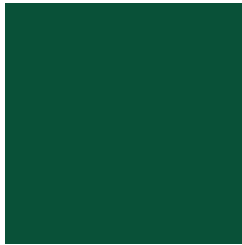
4280886566



4293394513

Previews

White Background



This preview shows how the Android color 4278800696 looks on a white background.

Color Contrast Check

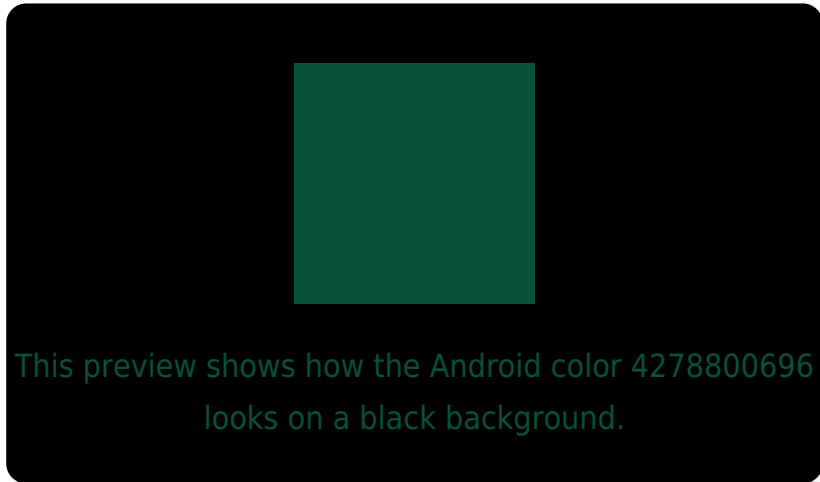
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278800696 Background



This preview shows how black text looks on a background with the Android color 4278800696.



This preview shows how white text looks on a background with the Android color 4278800696.

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

4278800696

Protanopia

4283189043

Deuteranopia

4283581499

Trichromacy



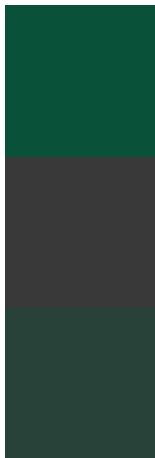
Original Color
4278800696

Protanomaly
4281617205

Deuteranomaly
4281813306

Tritanomaly
4279651914

Monochromacy



Original Color
4278800696

Achromatopsia
4281940281

Achromatomaly
4280828473

CSS Examples

Text

The CSS property to change the color of the text to Android 4278800696 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(9, 81, 56)` looks like.

```
.text, #text, p{  
    color:rgb(9, 81, 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(9, 81, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 81, 56) }
```

Border

The CSS property to change the border of an element to Android 4278800696 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(9, 81, 56) }
```

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

```
.border{ border-color:rgb(9, 81, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 81, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 81, 56); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 81, 56); box-shadow:4px  
4px 4px 4px rgb(9, 81, 56) }
```

Background

The CSS property to change the background color of an element to Android 4278800696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 81, 56) }
```

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

```
.background{ background-color: rgb(9, 81,  
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