

Converting Colors

Android(4278535695)

Have a look what the booklet for
Android(4278535695) contains.

Android(4278535695)	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(4278535695)

Conversions

Conversions Part 1

Format	Color
Hex	05460F
RGB	5, 70, 15
RGB Percent	2%, 27%, 6%
CMY	0.9804, 0.7255, 0.9412
CMYK	0.93, 0.00, 0.79, 0.73
HSL	129°, 87%, 15%
HSV	129°, 93%, 27%
XYZ	2.3390, 4.4471, 1.1870
YIQ	44.2950, -21.0850, -30.8850

Conversions

Conversions Part 2

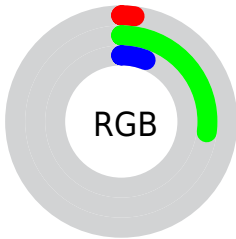
Format	Color
RYB	5, 61, 70
Decimal	345615
CIELab	25.10, -31.71, 26.51
CIELCh	25, 41.333, 140.104
Yxy	4.4471, 0.2934, 0.5578
Android (android.graphics.Color)	4278535695 (0xFF05460F)
YUV	44.2950, -14.4424, -34.4617
Hunter-Lab	21.0881, -17.1059, 11.4243

Details

The Android color **4278535695** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4282778940**, and the grayscale version is **4281084972**.

A 20% lighter version of the original color is **4282283837**, and **4278196736** is the 20% darker color. If you saturate the color by 10%, you get **4278208011**, and if you desaturate by 10%, it is **4278994453**.

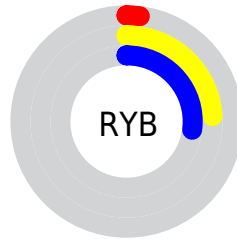
Distribution



Red (2%)

Green (27%)

Blue (6%)



Red (2%)

Yellow (24%)

Blue (27%)

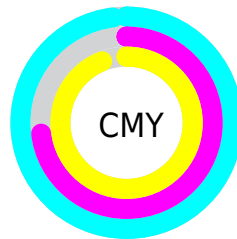


Cyan (93%)

Magenta (0%)

Yellow (79%)

Black (73%)



Cyan (98%)

Magenta (73%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278535695 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 4278535695 by changing the saturation by 10% instead.

 4278535695

 4278535695

 4294836213

 4278202112

 4282283837

 4278196736

 4283994452

 4278190080

 4285705325

 4287416455

 4289193121

 4291035068

 4292935640

 4278535695

 4278535695

■ 4278208011

■ 4278994453

■ 4279453211

■ 4279911969

■ 4280370727

■ 4280829485

■ 4281288243

■ 4281747000

■ 4282205758

■ 4282664516

Harmonies

Analogous

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



4281745408



4278535695



4278208816

Triad

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



4278535695



4278207097



4285667880

Complementary

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



4278535695



4282778940

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.



4285339975



4278535695



4280301687

Square

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



4278535695



4278208619



4283836516



4284950538

Rectangle

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



4278535695



4278208838



4283836516



4285667122

Sweetspot

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



4278535695



4282539078



4282140165



4280167969



4289572269



4281216558

Same Dimension

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



4278535695



4278213646



4278535727



4280296481



4278215439



4278248227

Inverse Universe

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



4282778940



4284219470



4282778908



4280557603



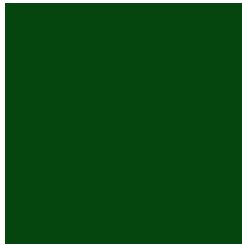
4284678228



4293066944

Previews

White Background



This preview shows how the Android color 4278535695 looks on a white background.

Color Contrast Check

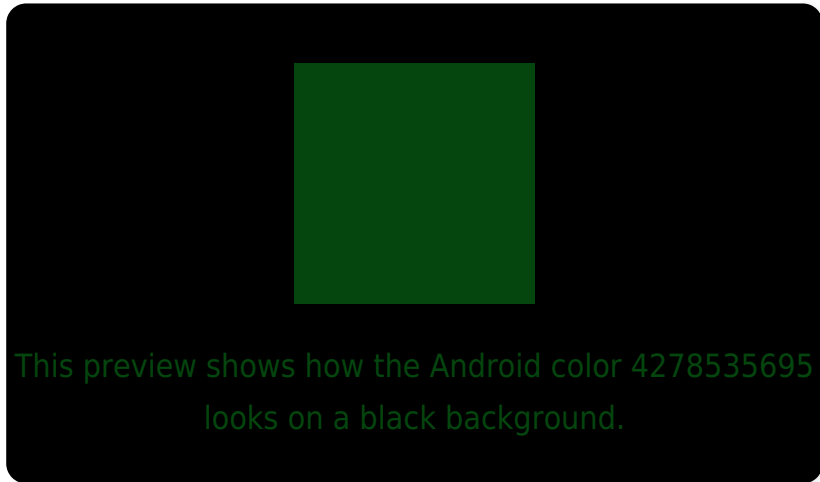
Large Text (above 18pt) WCAG AA ✓ Pass

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

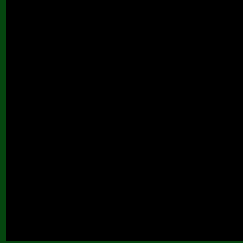
Any Text WCAG AA × Fail

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 4278535695 Background



This preview shows how black text looks on a background with the Android color 4278535695.



This preview shows how white text looks on a background with the Android color 4278535695.

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
4278535695

Protanopia
4282596364

Deuteranopia
4283119893

Trichromacy



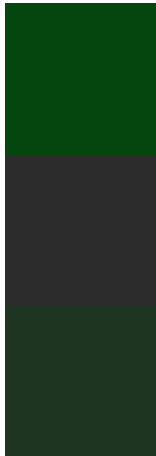
Original Color
4278535695

Protanomaly
4281090061

Deuteranomaly
4281482771

Tritanomaly
4279518002

Monochromacy



Original Color
4278535695

Achromatopsia
4281084972

Achromatomaly
4280169761

CSS Examples

Text

The CSS property to change the color of the text to Android 4278535695 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(5, 70, 15)` looks like.

```
.text, #text, p{  
    color:rgb(5, 70, 15)  
}
```

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(5, 70, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 70, 15) }
```

Border

The CSS property to change the border of an element to Android 4278535695 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(5, 70, 15) }
```

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

```
.border{ border-color:rgb(5, 70, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 70, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 70, 15); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 70, 15); box-shadow:4px  
4px 4px 4px rgb(5, 70, 15) }
```

Background

The CSS property to change the background color of an element to Android 4278535695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 70, 15) }
```

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

```
.background{ background-color: rgb(5, 70,  
15) }
```

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