

Converting Colors

Android(4282676056)

Have a look what the booklet for
Android(4282676056) contains.

Android(4282676056)	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(4282676056)

Conversions

Conversions Part 1

Format	Color
Hex	447358
RGB	68, 115, 88
RGB Percent	27%, 45%, 35%
CMY	0.7333, 0.5490, 0.6549
CMYK	0.41, 0.00, 0.23, 0.55
HSL	146°, 26%, 36%
HSV	146°, 41%, 45%
XYZ	10.2761, 14.1950, 11.4308
YIQ	97.8690, -19.3450, -18.3610

Conversions

Conversions Part 2

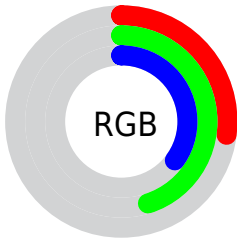
Format	Color
RYB	68, 101, 115
Decimal	4485976
CIELab	44.51, -22.63, 9.98
CIELCh	45, 24.733, 156.199
Yxy	14.1950, 0.2862, 0.3954
Android (android.graphics.Color)	4282676056 (0xFF447358)
YUV	97.8690, -4.8654, -26.1951
Hunter-Lab	37.6762, -17.2481, 8.3850

Details

The Android color `4282676056` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4285744223`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4285966218`, and `4279452203` is the 20% darker color. If you saturate the color by 10%, you get `4281955153`, and if you desaturate by 10%, it is `4283462495`.

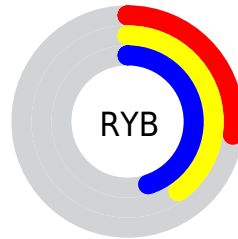
Distribution



Red (27%)

Green (45%)

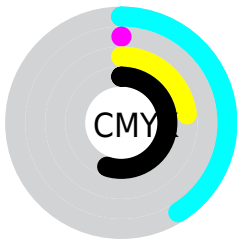
Blue (35%)



Red (27%)

Yellow (40%)

Blue (45%)

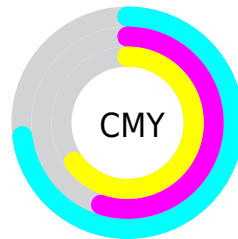


Cyan (41%)

Magenta (0%)

Yellow (23%)

Black (55%)



Cyan (73%)

Magenta (55%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282676056 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 4282676056 by changing the saturation by 10% instead.



4282676056



4282676056

4294967295



4281096769



4285966218



4279452203



4287742884



4278201366



4289519551



4278196224



4291296219



4278190080



4293197816



4282676056



4282676056



4281955153



4283462495



4281168715



4284183397

■ 4280382276

■ 4284969836

■ 4279661374

■ 4285690738

■ 4278874935

■ 4286477177

■ 4278219569

■ 4287198080

■ 4287918982

■ 4288705421

■ 4289491859

Harmonies

Analogous

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



4284313415



4282676056



4280972397

Triad

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



4282676056



4283656850



4287650898

Complementary

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



4282676056



4285744223

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.



4287715686



4282676056



4285620874

Square

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



4282676056



4281495694



4287061114



4286931524

Rectangle

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



4282676056



4280185979



4287061114



4287716184

Sweetspot

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



4282676056



4286879372



4284445508



4282535238



4291611852



4283256141

Same Dimension

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



4282676056



4283274860



4282676079



4281678647



4278221364



4278254186

Inverse Universe

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



4285744223



4288040311



4285744200



4282070328



4286185542



4294574224

Previews

White Background



This preview shows how the Android color 4282676056 looks on a white background.

Color Contrast Check

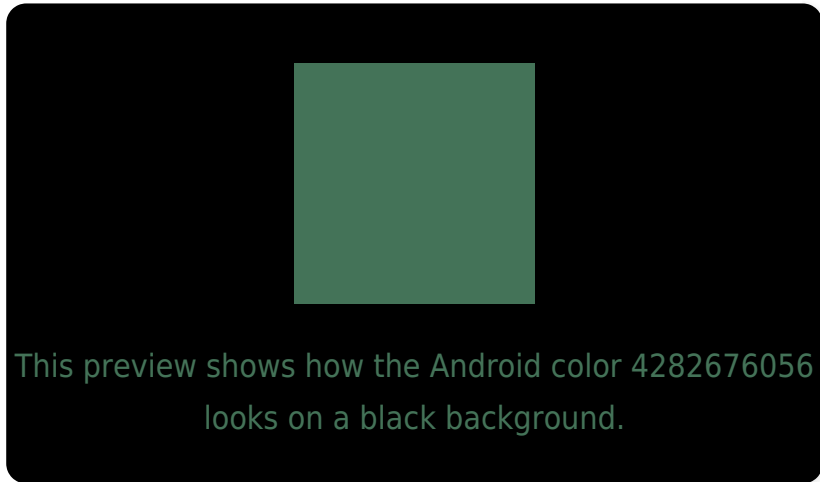
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

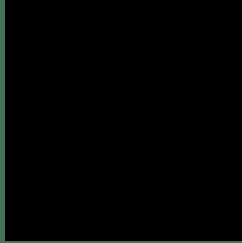
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4282676056 Background



This preview shows how black text looks on a background with the Android color 4282676056.



This preview shows how white text looks on a background with the Android color 4282676056.

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

4282676056

Protanopia

4285491539

Deuteranopia

4286080347

Trichromacy



Original Color
4282676056

Protanomaly
4284443989

Deuteranomaly
4284836442

Tritanomaly
4282937452

Monochromacy



Original Color
4282676056

Achromatopsia
4284637794

Achromatomaly
4283918430

CSS Examples

Text

The CSS property to change the color of the text to Android 4282676056 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(68, 115, 88)` looks like.

```
.text, #text, p{  
    color:rgb(68, 115, 88)  
}
```

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(68, 115, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 115, 88) }
```

Border

The CSS property to change the border of an element to Android 4282676056 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(68, 115, 88) }
```

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

```
.border{ border-color:rgb(68, 115, 88) }
```

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

Here you see how a box with a 4 pixel rgb(68, 115, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 115, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 115, 88);  
box-shadow:4px 4px 4px 4px rgb(68, 115,  
88) }
```

Background

The CSS property to change the background color of an element to Android 4282676056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 115, 88) }
```

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

```
.background{ background-color: rgb(68, 115,  
88) }
```

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