

Converting Colors

Android(4286291538)

Have a look what the booklet for
Android(4286291538) contains.

Android(4286291538)	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(4286291538)

Conversions

Conversions Part 1

Format	Color
Hex	7B9E52
RGB	123, 158, 82
RGB Percent	48%, 62%, 32%
CMY	0.5176, 0.3804, 0.6784
CMYK	0.22, 0.00, 0.48, 0.38
HSL	88°, 32%, 47%
HSV	88°, 48%, 62%
XYZ	21.9182, 29.2739, 12.4779
YIQ	138.8710, 3.5360, -31.0560

Conversions

Conversions Part 2

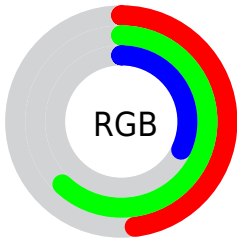
Format	Color
RYB	82, 158, 117
Decimal	8101458
CIELab	61.02, -25.38, 35.65
CIELCh	61, 43.763, 125.446
Yxy	29.2739, 0.3442, 0.4598
Android (android.graphics.Color)	4286291538 (0xFF7B9E52)
YUV	138.8710, -28.0374, -13.9189
Hunter-Lab	54.1053, -22.3735, 24.2002

Details

The Android color `4286291538` is a dark color, and the websafe version is hex `669933`. A complement of this color would be `4285878942`, and the grayscale version is `4287335307`.

A 20% lighter version of the original color is `4289844613`, and `4282935842` is the 20% darker color. If you saturate the color by 10%, you get `4285832770`, and if you desaturate by 10%, it is `4286750306`.

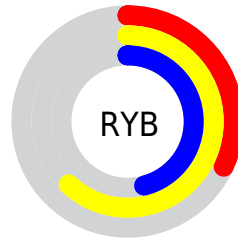
Distribution



Red (48%)

Green (62%)

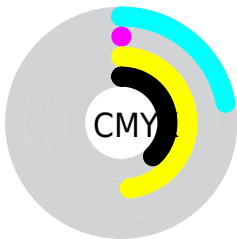
Blue (32%)



Red (32%)

Yellow (62%)

Blue (46%)

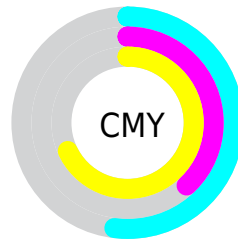


Cyan (22%)

Magenta (0%)

Yellow (48%)

Black (38%)



Cyan (52%)

Magenta (38%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286291538 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 4286291538 by changing the saturation by 10% instead.



4286291538



4286291538

4294967295



4284580922



4289844613



4282935842



4291686816



4281291271



4293590971



4279778048



4294967255



4278199552



4294967284



4278191872



4278190080



4286291538



4286291538



4285832770



4286750306

■ 4285308466

■ 4287274610

■ 4284849699

■ 4287733377

■ 4284390931

■ 4288192145

■ 4283932163

■ 4288650913

■ 4283801088

■ 4289175217

■ 4289633985

■ 4290092752

■ 4290551520

Harmonies

Analogous

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



4288975684



4286291538



4282885490

Triad

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



4286291538



4278231257



4292572046

Complementary

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



4286291538



4285878942

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.



4291393972



4286291538



4284454368

Square

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



4286291538



4278232767



4288710354



4292442472

Rectangle

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



4286291538



4278232972



4288710354



4292375451

Sweetspot

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



4286291538



4290891698



4288574546



4284508503



4293454056



4285098345

Same Dimension

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



4286291538



4288139095



4283866706



4283125575



4283272960



4278718208

Inverse Universe

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



4285878942



4287518671



4288303774



4283123535



4282515599



4278648847

Previews

White Background



This preview shows how the Android color 4286291538 looks on a white background.

Color Contrast Check

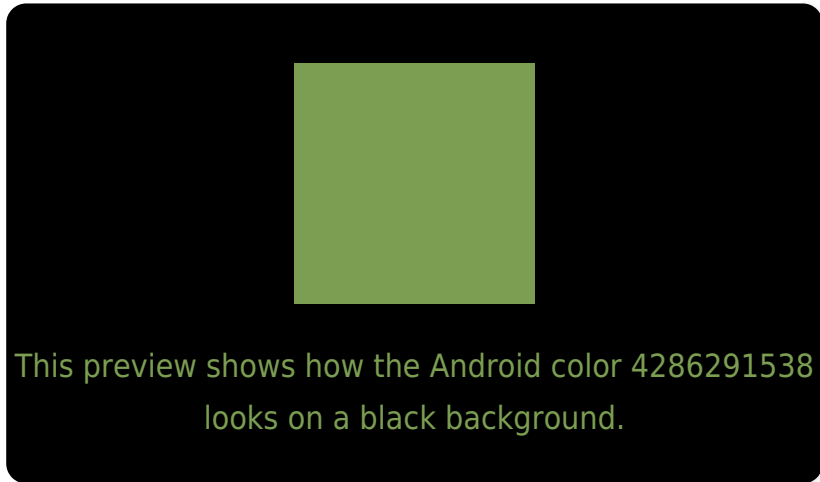
Large Text (above 18pt) WCAG AA ✓ Pass

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

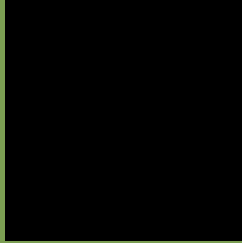
Any Text WCAG AA ✓ Pass

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 4286291538 Background



This preview shows how black text looks on a background with the Android color 4286291538.



This preview shows how white text looks on a background with the Android color 4286291538.

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
4286291538

Protanopia
4288844622

Deuteranopia
4289891414

Trichromacy



Original Color
4286291538

Protanomaly
4287928143

Deuteranomaly
4288582485

Tritanomaly
4286748804

Monochromacy



Original Color
4286291538

Achromatopsia
4287335307

Achromatomaly
4286943862

CSS Examples

Text

The CSS property to change the color of the text to Android 4286291538 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(123, 158, 82)` looks like.

```
.text, #text, p{  
    color:rgb(123, 158, 82)  
}
```

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(123, 158, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 158, 82) }
```

Border

The CSS property to change the border of an element to Android 4286291538 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(123, 158, 82) }
```

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

```
.border{ border-color:rgb(123, 158, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 158, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 158, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 158, 82);  
box-shadow:4px 4px 4px 4px rgb(123, 158,  
82) }
```

Background

The CSS property to change the background color of an element to Android 4286291538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 158, 82) }
```

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

```
.background{ background-color: rgb(123,  
158, 82) }
```

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