

Converting Colors

Android(4288006512)

Have a look what the booklet for
Android(4288006512) contains.

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Color

Android(4288006512)

Conversions

Conversions Part 1

Format	Color
Hex	95C970
RGB	149, 201, 112
RGB Percent	58%, 79%, 44%
CMY	0.4157, 0.2118, 0.5608
CMYK	0.26, 0.00, 0.44, 0.21
HSL	95°, 45%, 61%
HSV	95°, 44%, 79%
XYZ	36.2057, 49.3327, 22.9432
YIQ	175.3060, -2.4230, -38.7030

Conversions

Conversions Part 2

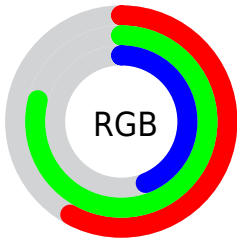
Format	Color
RYB	112, 201, 164
Decimal	9816432
CIELab	75.66, -32.63, 39.02
CIELCh	76, 50.861, 129.902
Yxy	49.3327, 0.3337, 0.4548
Android (android.graphics.Color)	4288006512 (0xFF95C970)
YUV	175.3060, -31.2099, -23.0704
Hunter-Lab	70.2372, -30.9025, 29.7989

Details

The Android color `4288006512` is a light color, and the websafe version is hex `99CC66`. A complement of this color would be `4288966857`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4291690405`, and `4284519230` is the 20% darker color. If you saturate the color by 10%, you get `4287220060`, and if you desaturate by 10%, it is `4288792964`.

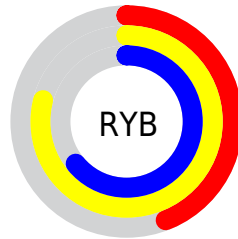
Distribution



Red (58%)

Green (79%)

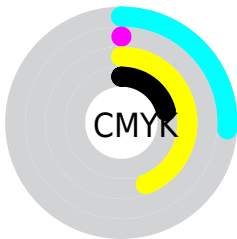
Blue (44%)



Red (44%)

Yellow (79%)

Blue (64%)

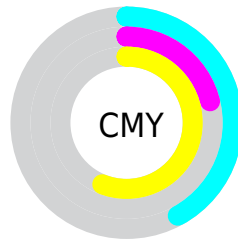


Cyan (26%)

Magenta (0%)

Yellow (44%)

Black (21%)



Cyan (42%)

Magenta (21%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288006512 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 4288006512 by changing the saturation by 10% instead.



4288006512



4288006512

4294967295



4286229847



4291690405



4284519230



4293590977



4282808613



4294967261



4281098250



4294967290



4279256832



4278202368



4278197248



4278190080



4288006512



4288006512

4287220060

4288792964

4286499144

4289513880

4285712692

4290300332

4284926240

4291086784

4284139787

4291873237

4283746560

4292594153

4293380605

4294167039

4294953471

Harmonies

Analogous

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



4291345755



4288006512



4283682969

Triad

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



4288006512



4278241535



4294939821

Complementary

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



4288006512



4288966857

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.



4294940892



4288006512



4287281919

Square

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



4288006512



4278243573



4292061439



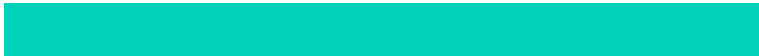
4294941825

Rectangle

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



4288006512



4278244025



4292061439



4294939836

Sweetspot

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



4288006512



4293722078



4291404912



4285825131



4278190080



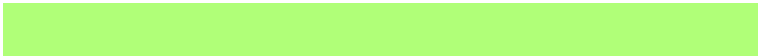
4286611584

Same Dimension

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



4288006512



4289789816



4285581687



4284375898



4282688256



4279182336

Inverse Universe

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



4288966857



4291262719



4291391682



4284439139



4284416163



4279566372

Previews

White Background



This preview shows how the Android color 4288006512 looks on a white background.

Color Contrast Check

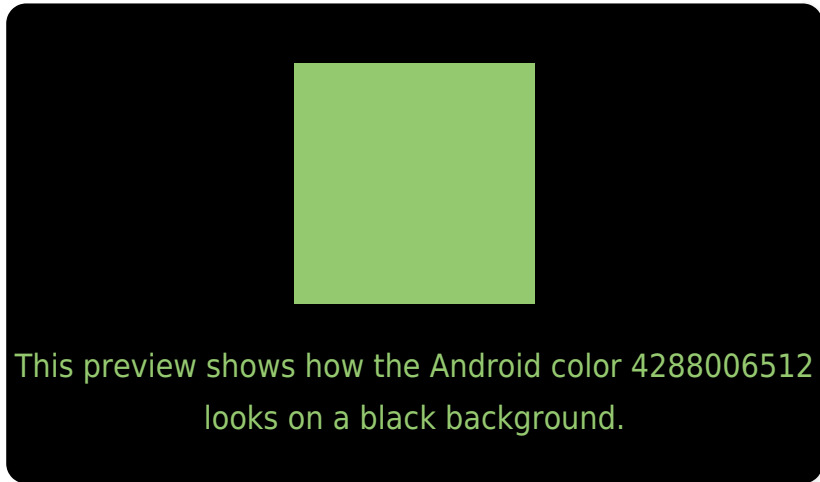
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Android 4288006512 Background



This preview shows how black text looks on a background with the Android color 4288006512.



This preview shows how white text looks on a background with the Android color 4288006512.

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



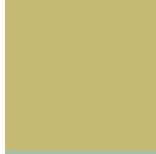
Trichromacy



Original Color
4288006512



Protanomaly
4290297708



Deuteranomaly
4291148404

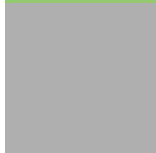


Tritanomaly
4288594603

Monochromacy



Original Color
4288006512



Achromatopsia
4289703855



Achromatomaly
4289116312

CSS Examples

Text

The CSS property to change the color of the text to Android 4288006512 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(149, 201, 112)` looks like.

```
.text, #text, p{  
    color:rgb(149, 201, 112)  
}
```

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(149, 201, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 201, 112) }
```

Border

The CSS property to change the border of an element to Android 4288006512 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(149, 201, 112) }
```

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

```
.border{ border-color:rgb(149, 201, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 201, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 201, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 201, 112);  
box-shadow:4px 4px 4px 4px rgb(149, 201,  
112) }
```

Background

The CSS property to change the background color of an element to Android 4288006512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 201, 112) }
```

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

```
.background{ background-color: rgb(149,  
201, 112) }
```

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](#).

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