

Converting Colors

Android(4284338212)

Have a look what the booklet for
Android(4284338212) contains.

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Color

Android(4284338212)

Conversions

Conversions Part 1

Format	Color
Hex	5DD024
RGB	93, 208, 36
RGB Percent	36%, 82%, 14%
CMY	0.6353, 0.1843, 0.8588
CMYK	0.55, 0.00, 0.83, 0.18
HSL	100°, 70%, 48%
HSV	100°, 83%, 82%
XYZ	27.3885, 47.5663, 9.4068
YIQ	154.0070, -13.3280, -77.8720

Conversions

Conversions Part 2

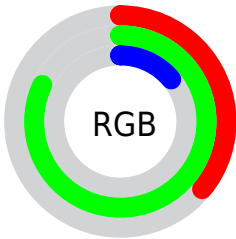
Format	Color
RYB	36, 208, 151
Decimal	6148132
CIELab	74.55, -60.05, 67.71
CIELCh	75, 90.501, 131.571
Yxy	47.5663, 0.3247, 0.5638
Android (android.graphics.Color)	4284338212 (0xFF5DD024)
YUV	154.0070, -58.1775, -53.5031
Hunter-Lab	68.9683, -49.8091, 40.1911

Details

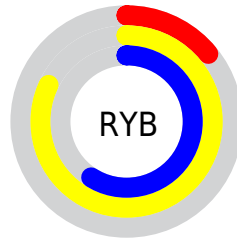
The Android color `4284338212` is a dark color, and the websafe version is hex `66CC00`. The color can be described as dark washed green. A complement of this color would be `4288095440`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4288348002`, and `4278622208` is the 20% darker color. If you saturate the color by 10%, you get `4283420687`, and if you desaturate by 10%, it is `4285255737`.

Distribution



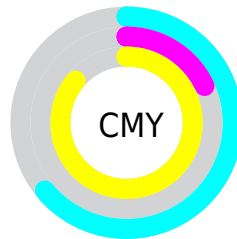
- Red (36%)
- Green (82%)
- Blue (14%)



- Red (14%)
- Yellow (82%)
- Blue (59%)



- Cyan (55%)
- Magenta (0%)
- Yellow (83%)
- Black (18%)



- Cyan (64%)
- Magenta (18%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284338212 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 4284338212 by changing the saturation by 10% instead.



4284338212



4284338212

4294967295



4282102784



4288348002



4278622208



4290314110



4278222336



4292280218



4278215680



4294311863



4278209024



4294967252



4278203136



4294967281



4278196480



4278190080



4284338212



4284338212

■ 4283420687

■ 4285255737

■ 4282765312

■ 4286173262

■ 4287090786

■ 4288008311

■ 4288925836

■ 4289777825

■ 4290695350

■ 4291612874

■ 4292530399

Harmonies

Analogous

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



4290756096



4284338212



4278245759

Triad

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



4284338212



4278243327



4294924443

Complementary

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



4284338212



4288095440

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.



4294928110



4284338212



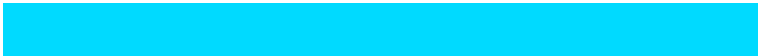
4278237183

Square

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



4284338212



4278246143



4293038591



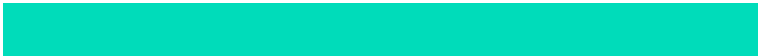
4294932555

Rectangle

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



4284338212



4278246586



4293038591



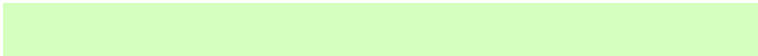
4294923959

Sweetspot

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



4284338212



4292149183



4291860260



4284907609



4278190080



4286611584

Same Dimension

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



4284338212



4283891459



4280602689



4284639582



4281903104



4279118080

Inverse Universe

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



4288095440



4289397759



4291830963



4284833385



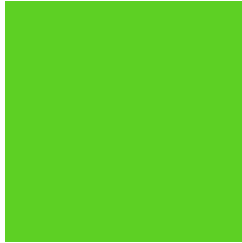
4285595816



4279959593

Previews

White Background



This preview shows how the Android color 4284338212 looks on a white background.

Color Contrast Check

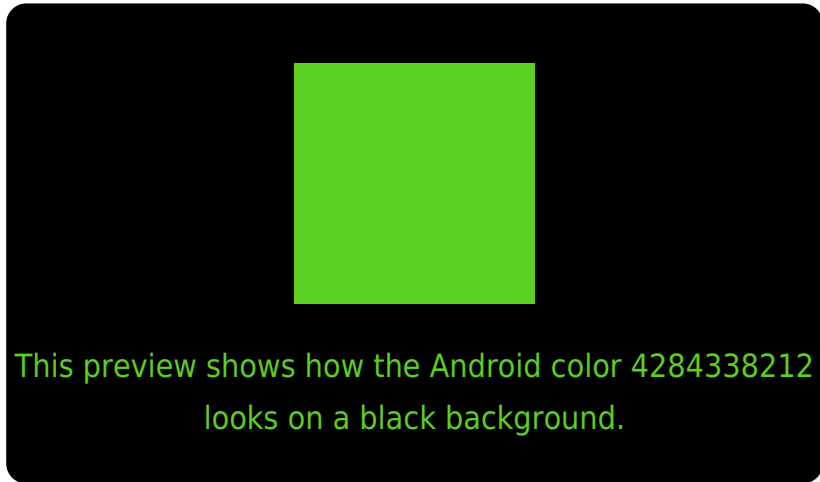
Large Text (above 18pt) WCAG AA × Fail

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 4284338212 Background



This preview shows how black text looks on a background with the Android color 4284338212.



This preview shows how white text looks on a background with the Android color 4284338212.

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
4284338212

Protanopia
4291671581

Deuteranopia
4293176631

Trichromacy



Original Color

4284338212



Protanomaly

4288986912



Deuteranomaly

4289968688



Tritanomaly

4285581202

Monochromacy



Original Color

4284338212



Achromatopsia

4288322202



Achromatomaly

4286885487

CSS Examples

Text

The CSS property to change the color of the text to Android 4284338212 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(93, 208, 36)` looks like.

```
.text, #text, p{  
    color:rgb(93, 208, 36)  
}
```

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(93, 208, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 208, 36) }
```

Border

The CSS property to change the border of an element to Android 4284338212 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(93, 208, 36) }
```

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

```
.border{ border-color:rgb(93, 208, 36) }
```

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

Here you see how a box with a 4 pixel rgb(93, 208, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 208, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 208, 36);  
box-shadow:4px 4px 4px 4px rgb(93, 208,  
36) }
```

Background

The CSS property to change the background color of an element to Android 4284338212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 208, 36) }
```

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

```
.background{ background-color: rgb(93, 208,  
36) }
```

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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