

Converting Colors

Android(4282306859)

Have a look what the booklet for
Android(4282306859) contains.

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Color

Android(4282306859)

Conversions

Conversions Part 1

Format	Color
Hex	3ED12B
RGB	62, 209, 43
RGB Percent	24%, 82%, 17%
CMY	0.7569, 0.1804, 0.8314
CMYK	0.70, 0.00, 0.79, 0.18
HSL	113°, 66%, 49%
HSV	113°, 79%, 82%
XYZ	25.2231, 46.7995, 9.9893
YIQ	146.1230, -34.3260, -82.7900

Conversions

Conversions Part 2

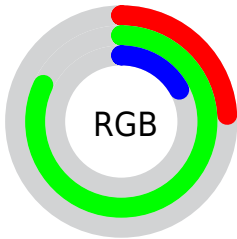
Format	Color
RYB	43, 209, 190
Decimal	4116779
CIELab	74.06, -66.89, 65.07
CIELCh	74, 93.319, 135.786
Yxy	46.7995, 0.3076, 0.5706
Android (android.graphics.Color)	4282306859 (0xFF3ED12B)
YUV	146.1230, -50.8396, -73.7759
Hunter-Lab	68.4101, -53.9040, 39.2295

Details

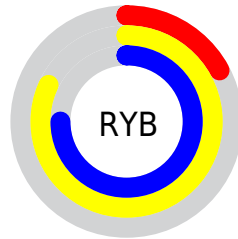
The Android color `4282306859` is a dark color, and the websafe version is hex `33CC33`. The color can be described as dark washed green. A complement of this color would be `4290653137`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4286775142`, and `4278229248` is the 20% darker color. If you saturate the color by 10%, you get `4281061654`, and if you desaturate by 10%, it is `4283552064`.

Distribution



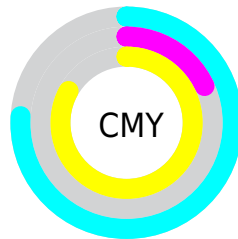
- Red (24%)
- Green (82%)
- Blue (17%)



- Red (17%)
- Yellow (82%)
- Blue (75%)



- Cyan (70%)
- Magenta (0%)
- Yellow (79%)
- Black (18%)



- Cyan (76%)
- Magenta (18%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282306859 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 4282306859 by changing the saturation by 10% instead.



4282306859



4282306859

4294967295



4278236416



4286775142



4278229248



4288806786



4278222336



4290838430



4278215680



4292804539



4278209024



4294836184



4278203136



4294967285



4278195968



4278190080



4282306859



4282306859

 4281061654

 4283552064

 4279881985

 4284731733

 4279816448

 4285976938

 4287156607

 4288401812

 4289581480

 4290826685

 4292006354

 4293251559

Harmonies

Analogous

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



4289839104



4282306859



4278245769

Triad

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



4282306859



4278242559



4294923149

Complementary

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



4282306859



4290653137

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.



4294925027



4282306859



4281119231

Square

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



4282306859



4278245887



4294019071



4294933051

Rectangle

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



4282306859



4278246597



4294019071



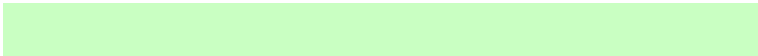
4294921897

Sweetspot

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



4282306859



4291428290



4291935787



4284448859



4278190080



4286611584

Same Dimension

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



4282306859



4280876813



4281061739



4284442974



4279478272



4278528256

Inverse Universe

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



4290653137



4293070335



4291898257



4284964457



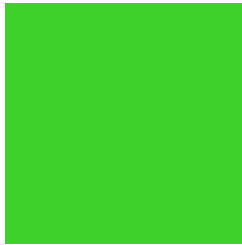
4287955112



4280549417

Previews

White Background



This preview shows how the Android color 4282306859 looks on a white background.

Color Contrast Check

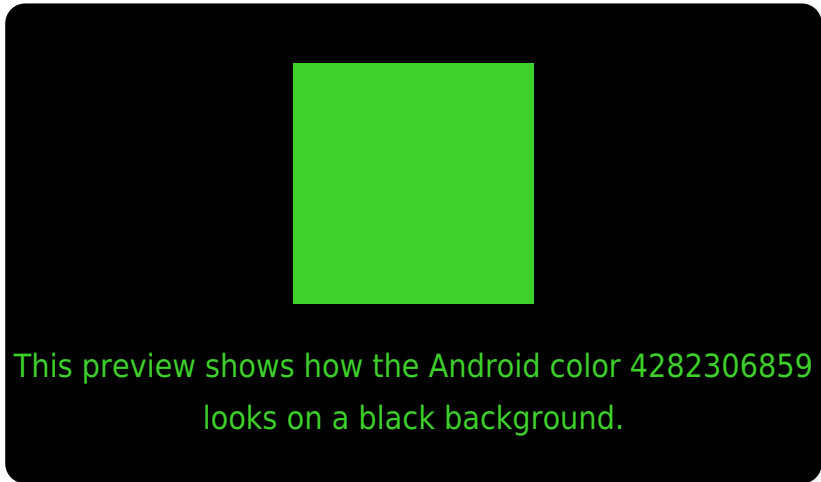
Large Text (above 18pt) WCAG AA × Fail

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 4282306859 Background



This preview shows how black text looks on a background with the Android color 4282306859.



This preview shows how white text looks on a background with the Android color 4282306859.

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



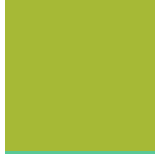
Original Color

4282306859



Protanomaly

4288200487



Deuteranomaly

4289116470



Tritanomaly

4284074133

Monochromacy



Original Color

4282306859



Achromatopsia

4287795858



Achromatomaly

4285770093

CSS Examples

Text

The CSS property to change the color of the text to Android 4282306859 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(62, 209, 43)` looks like.

```
.text, #text, p{  
    color:rgb(62, 209, 43)  
}
```

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(62, 209, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 209, 43) }
```

Border

The CSS property to change the border of an element to Android 4282306859 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(62, 209, 43) }
```

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

```
.border{ border-color:rgb(62, 209, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 209, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 209, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 209, 43);  
box-shadow:4px 4px 4px 4px rgb(62, 209,  
43) }
```

Background

The CSS property to change the background color of an element to Android 4282306859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 209, 43) }
```

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

```
.background{ background-color: rgb(62, 209,  
43) }
```

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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