

Converting Colors

Android(4282835790)

Have a look what the booklet for
Android(4282835790) contains.

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Color

Android(4282835790)

Conversions

Conversions Part 1

Format	Color
Hex	46E34E
RGB	70, 227, 78
RGB Percent	27%, 89%, 31%
CMY	0.7255, 0.1098, 0.6941
CMYK	0.69, 0.00, 0.66, 0.11
HSL	123°, 74%, 58%
HSV	123°, 69%, 89%
XYZ	31.3700, 56.7903, 16.5160
YIQ	163.0710, -45.7430, -79.6230

Conversions

Conversions Part 2

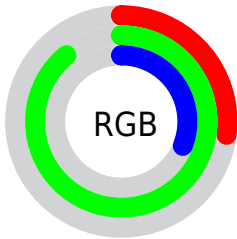
Format	Color
RYB	70, 219, 227
Decimal	4645710
CIELab	80.06, -68.52, 58.96
CIELCh	80, 90.396, 139.289
Yxy	56.7903, 0.2997, 0.5425
Android (android.graphics.Color)	4282835790 (0xFF46E34E)
YUV	163.0710, -41.9400, -81.6233
Hunter-Lab	75.3594, -57.5742, 39.7574

Details

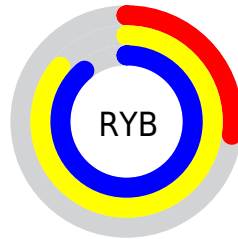
The Android color `4282835790` is a dark color, and the websafe version is hex `33CC33`. The color can be described as dark muted green. A complement of this color would be `4293084891`, and the grayscale version is `4288980132`.

A 20% lighter version of the original color is `4287299461`, and `4278233613` is the 20% darker color. If you saturate the color by 10%, you get `4281328440`, and if you desaturate by 10%, it is `4284343140`.

Distribution



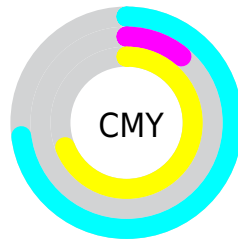
- Red (27%)
- Green (89%)
- Blue (31%)



- Red (27%)
- Yellow (86%)
- Blue (89%)



- Cyan (69%)
- Magenta (0%)
- Yellow (66%)
- Black (11%)



- Cyan (73%)
- Magenta (11%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282835790 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 4282835790 by changing the saturation by 10% instead.

 4282835790

 4282835790

4294967295

 4279289393

 4287299461

 4278233613

 4289331105

 4278226688

 4291362749

 4278219776

 4293394394

 4278213120

 4294967287

 4278206720

 4278200320

 4278190080

 4282835790

 4282835790

 4281328440

 4284343140

 4279886627

 4285784953


 4278379277

 4287292303

 4278248204

 4288799652

 4290307002

 4291748815

 4293256165

 4294763514

 4294960127

Harmonies

Analogous

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



4290433792



4282835790



4278250404

Triad

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



4282835790



4278245887



4294930580

Complementary

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



4282835790



4293084891

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.



4294930665



4282835790



4286496255

Square

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



4282835790



4278249727



4294940159



4294939462

Rectangle

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



4282835790



4278250975



4294940159



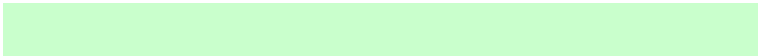
4294929328

Sweetspot

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



4282835790



4291428300



4292600646



4284514401



4278190080



4286611584

Same Dimension

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



4282835790



4281073462



4282835868



4284969832



4278235913



4278203139

Inverse Universe

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



4293084891



4294913012



4293084813



4285753202



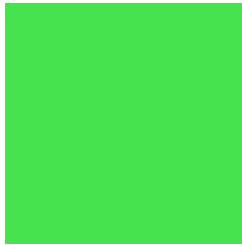
4289921193



4281532464

Previews

White Background



This preview shows how the Android color 4282835790 looks on a white background.

Color Contrast Check

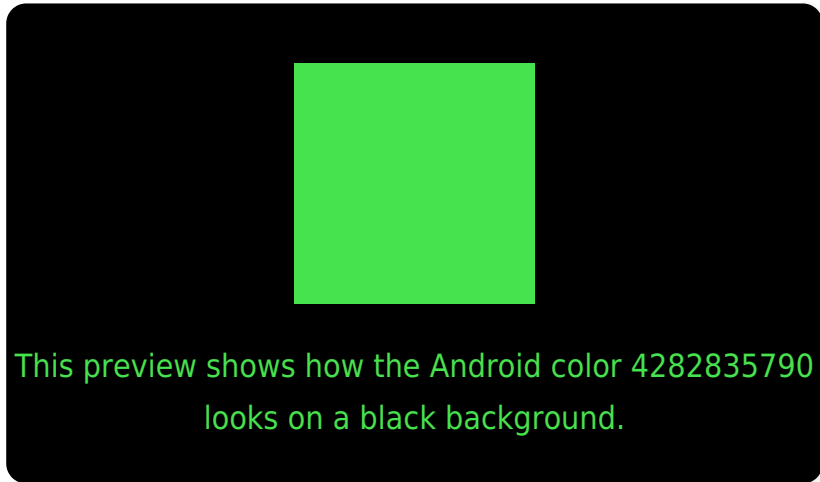
Large Text (above 18pt) WCAG AA × Fail

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 4282835790 Background



This preview shows how black text looks on a background with the Android color 4282835790.



This preview shows how white text looks on a background with the Android color 4282835790.

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

4282835790



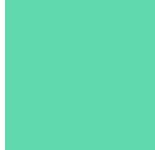
Protanomaly

4289056841



Deuteranomaly

4290038358



Tritanomaly

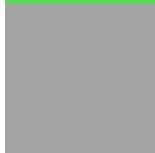
4284602799

Monochromacy



Original Color

4282835790



Achromatopsia

4288914339



Achromatomaly

4286691972

CSS Examples

Text

The CSS property to change the color of the text to Android 4282835790 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(70, 227, 78)` looks like.

```
.text, #text, p{  
    color:rgb(70, 227, 78)  
}
```

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(70, 227, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 227, 78) }
```

Border

The CSS property to change the border of an element to Android 4282835790 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(70, 227, 78) }
```

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

```
.border{ border-color:rgb(70, 227, 78) }
```

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

Here you see how a box with a 4 pixel rgb(70, 227, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 227, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 227, 78);  
box-shadow:4px 4px 4px 4px rgb(70, 227,  
78) }
```

Background

The CSS property to change the background color of an element to Android 4282835790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 227, 78) }
```

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

```
.background{ background-color: rgb(70, 227,  
78) }
```

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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