

Converting Colors

Android(4283028786)

Have a look what the booklet for
Android(4283028786) contains.

Android(4283028786)	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(4283028786)

Conversions

Conversions Part 1

Format	Color
Hex	49D532
RGB	73, 213, 50
RGB Percent	29%, 84%, 20%
CMY	0.7137, 0.1647, 0.8039
CMYK	0.66, 0.00, 0.77, 0.16
HSL	112°, 66%, 52%
HSV	112°, 77%, 84%
XYZ	27.1176, 49.2353, 11.0917
YIQ	152.5580, -31.1170, -80.3730

Conversions

Conversions Part 2

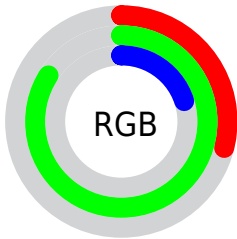
Format	Color
RYB	50, 213, 190
Decimal	4838706
CIELab	75.60, -65.66, 64.52
CIELCh	76, 92.052, 135.500
Yxy	49.2353, 0.3101, 0.5630
Android (android.graphics.Color)	4283028786 (0xFF49D532)
YUV	152.5580, -50.5611, -69.7724
Hunter-Lab	70.1678, -53.8092, 39.7453

Details

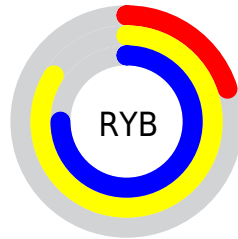
The Android color **4283028786** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **4290654933**, and the grayscale version is **4288256409**.

A 20% lighter version of the original color is **4287299436**, and **4278230272** is the 20% darker color. If you saturate the color by 10%, you get **4281849117**, and if you desaturate by 10%, it is **4284208455**.

Distribution



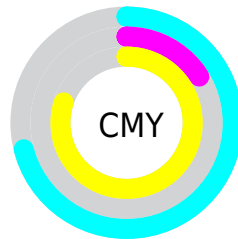
- Red (29%)
- Green (84%)
- Blue (20%)



- Red (20%)
- Yellow (84%)
- Blue (75%)



- Cyan (66%)
- Magenta (0%)
- Yellow (77%)
- Black (16%)



- Cyan (71%)
- Magenta (16%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283028786 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 4283028786 by changing the saturation by 10% instead.



4283028786



4283028786

4294967295



4280072456



4287299436



4278230272



4289331080



4278223360



4291362724



4278216448



4293328833



4278210048



4294967262



4278203904



4294967291



4278197248




4278190080



4283028786



4283028786

 4281849117

 4284208455

 4280603911

 4285453661

 4280210688

 4286633330

 4287812999

 4288992668

 4290237874

 4291417543

 4292597212

 4293842418

Harmonies

Analogous

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



4290233344



4283028786



4278247053

Triad

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



4283028786



4278243583



4294925202

Complementary

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



4283028786



4290654933

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.



4294927079



4283028786



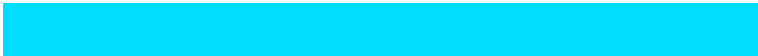
4282103295

Square

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



4283028786



4278246911



4294217215



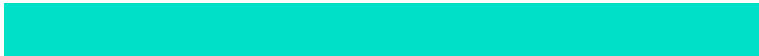
4294934337

Rectangle

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



4283028786



4278247624



4294217215



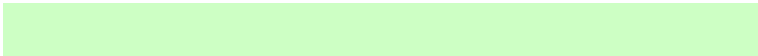
4294924206

Sweetspot

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



4283028786



4291690436



4292197682



4284579932



4278190080



4286611584

Same Dimension

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



4283028786



4281794324



4281521515



4284640096



4279806720



4278594304

Inverse Universe

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



4290654933



4292744447



4292162204



4285161579



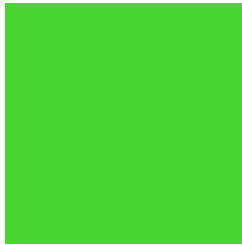
4287824043



4280614955

Previews

White Background



This preview shows how the Android color 4283028786 looks on a white background.

Color Contrast Check

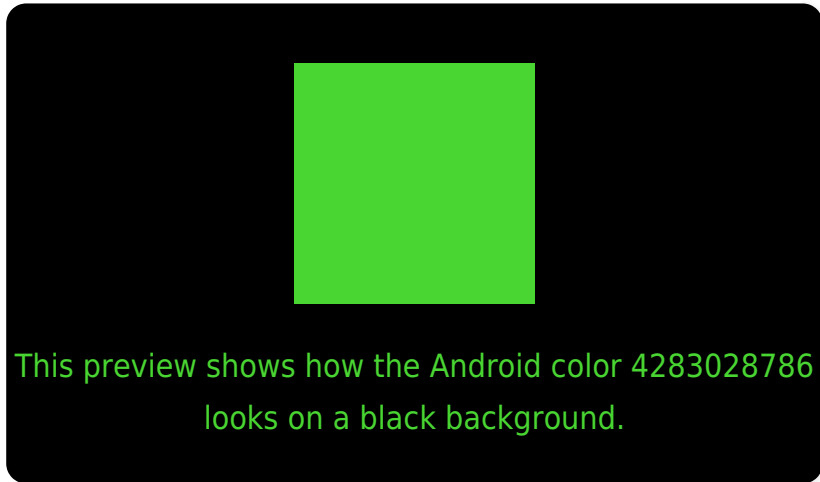
Large Text (above 18pt) WCAG AA × Fail

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

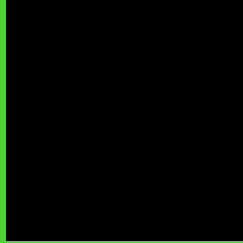
Any Text WCAG AA ✓ Pass

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 4283028786 Background



This preview shows how black text looks on a background with the Android color 4283028786.

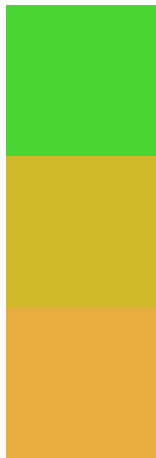


This preview shows how white text looks on a background with the Android color 4283028786.

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

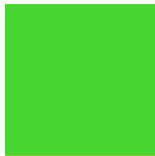


Original Color
4283028786

Protanopia
4291868971

Deuteranopia
4293373762

Trichromacy



Original Color

4283028786



Protanomaly

4288660270



Deuteranomaly

4289641788



Tritanomaly

4284599451

Monochromacy



Original Color

4283028786



Achromatopsia

4288256409



Achromatomaly

4286361460

CSS Examples

Text

The CSS property to change the color of the text to Android 4283028786 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(73, 213, 50)` looks like.

```
.text, #text, p{  
    color:rgb(73, 213, 50)  
}
```

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(73, 213, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 213, 50) }
```

Border

The CSS property to change the border of an element to Android 4283028786 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(73, 213, 50) }
```

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

```
.border{ border-color:rgb(73, 213, 50) }
```

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

Here you see how a box with a 4 pixel rgb(73, 213, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 213, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 213, 50);  
box-shadow:4px 4px 4px 4px rgb(73, 213,  
50) }
```

Background

The CSS property to change the background color of an element to Android 4283028786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 213, 50) }
```

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

```
.background{ background-color: rgb(73, 213,  
50) }
```

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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