

Converting Colors

Android(4284852826)

Have a look what the booklet for
Android(4284852826) contains.

Android(4284852826)	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(4284852826)

Conversions

Conversions Part 1

Format	Color
Hex	65AA5A
RGB	101, 170, 90
RGB Percent	40%, 67%, 35%
CMY	0.6039, 0.3333, 0.6471
CMYK	0.41, 0.00, 0.47, 0.33
HSL	112°, 32%, 51%
HSV	112°, 47%, 67%
XYZ	21.5870, 32.2543, 14.7608
YIQ	140.2490, -15.4440, -39.5080

Conversions

Conversions Part 2

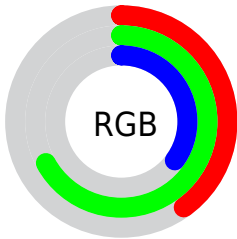
Format	Color
RYB	90, 170, 159
Decimal	6662746
CIELab	63.55, -37.84, 34.42
CIELCh	64, 51.149, 137.709
Yxy	32.2543, 0.3147, 0.4702
Android (android.graphics.Color)	4284852826 (0xFF65AA5A)
YUV	140.2490, -24.7728, -34.4214
Hunter-Lab	56.7929, -31.5396, 24.3452

Details

The Android color `4284852826` is a dark color, and the websafe version is hex `669933`. A complement of this color would be `4288633514`, and the grayscale version is `4287466893`.

A 20% lighter version of the original color is `4288406157`, and `4281300265` is the 20% darker color. If you saturate the color by 10%, you get `4283869769`, and if you desaturate by 10%, it is `4285835883`.

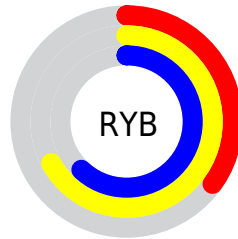
Distribution



Red (40%)

Green (67%)

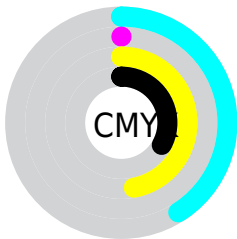
Blue (35%)



Red (35%)

Yellow (67%)

Blue (62%)

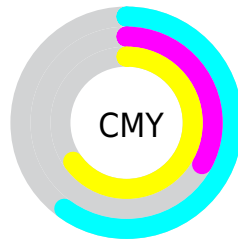


Cyan (41%)

Magenta (0%)

Yellow (47%)

Black (33%)



Cyan (60%)

Magenta (33%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284852826 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 4284852826 by changing the saturation by 10% instead.



4284852826



4284852826

4294967295



4283076417



4288406157



4281300265



4290248616



4279196689



4292149188



4278207488



4294049760



4278201600

4294967293



4278195456



4278190080



4284852826



4284852826




4283869769



4285835883

 4282952248

 4286753404

 4281969191

 4287736461

 4280986134

 4288719518

 4280068613

 4289637039

 4279740928

 4290620096

 4291603153

 4292520674

 4293503731

Harmonies

Analogous

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



4288323646



4284852826



4278235013

Triad

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



4284852826



4278232307



4293882753

Complementary

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



4284852826



4288633514

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.



4293162415



4284852826



4286354929

Square

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



4284852826



4278234588



4290741208



4293034072

Rectangle

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



4284852826



4278235557



4290741208



4293816976

Sweetspot

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



4284852826



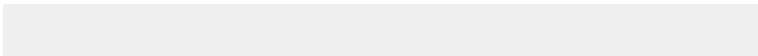
4291026623



4289371738



4284510301



4293980400



4285558896

Same Dimension

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



4284852826



4285783650



4284131958



4283257932



4279538688



4278391808

Inverse Universe

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



4288633514



4291650270



4289354382



4283649108



4286578836



4279369748

Previews

White Background



This preview shows how the Android color 4284852826 looks on a white background.

Color Contrast Check

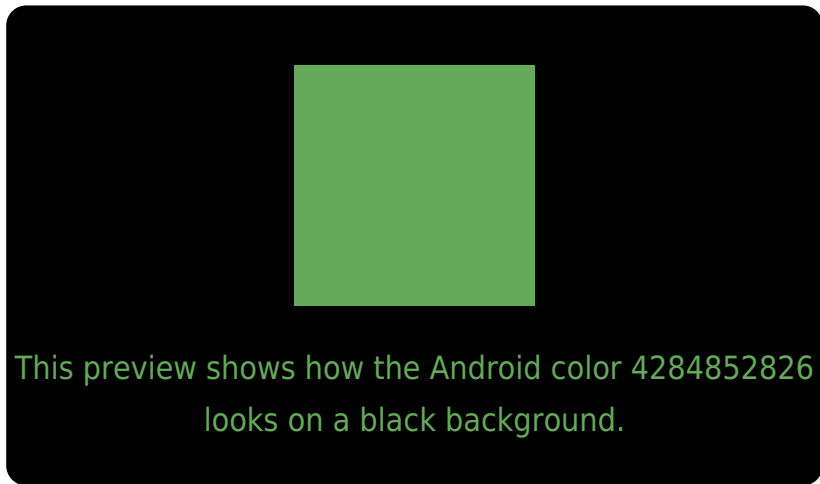
Large Text (above 18pt) WCAG AA × Fail

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 4284852826 Background



This preview shows how black text looks on a background with the Android color 4284852826.



This preview shows how white text looks on a background with the Android color 4284852826.

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
4284852826

Protanopia
4289239380

Deuteranopia
4290351712



Tritanopia
4285899181

Trichromacy



Original Color
4284852826



Protanomaly
4287668054



Deuteranomaly
4288322398



Tritanomaly
4285506703

Monochromacy



Original Color
4284852826



Achromatopsia
4287401100



Achromatomaly
4286486394

CSS Examples

Text

The CSS property to change the color of the text to Android 4284852826 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(101, 170, 90)` looks like.

```
.text, #text, p{  
    color:rgb(101, 170, 90)  
}
```

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(101, 170, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 170, 90) }
```

Border

The CSS property to change the border of an element to Android 4284852826 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(101, 170, 90) }
```

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

```
.border{ border-color:rgb(101, 170, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 170, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 170, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 170, 90);  
box-shadow:4px 4px 4px 4px rgb(101, 170,  
90) }
```

Background

The CSS property to change the background color of an element to Android 4284852826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 170, 90) }
```

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

```
.background{ background-color: rgb(101,  
170, 90) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor