

Converting Colors

Android(4282548662)

Have a look what the booklet for
Android(4282548662) contains.

Android(4282548662)	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(4282548662)

Conversions

Conversions Part 1

Format	Color
Hex	4281B6
RGB	66, 129, 182
RGB Percent	26%, 51%, 71%
CMY	0.7412, 0.4941, 0.2863
CMYK	0.64, 0.29, 0.00, 0.29
HSL	207°, 47%, 49%
HSV	207°, 64%, 71%
XYZ	18.5405, 20.2362, 47.1847
YIQ	116.2050, -54.5610, 3.1270

Conversions

Conversions Part 2

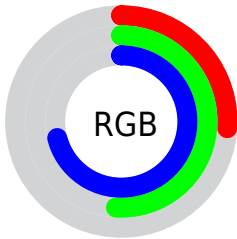
Format	Color
R_{YB}	66, 107, 182
Decimal	4358582
CIE _{Lab}	52.10, -3.57, -33.93
CIE _{LCh}	52, 34.116, 263.993
Yxy	20.2362, 0.2157, 0.2354
Android (android.graphics.Color)	4282548662 (0xFF4281B6)
YUV	116.2050, 32.4369, -44.0298
Hunter-Lab	44.9846, -5.1539, -30.7005

Details

The Android color `4282548662` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4290148162`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4286363374`, and `4278210689` is the 20% darker color. If you saturate the color by 10%, you get `4281366966`, and if you desaturate by 10%, it is `4283730358`.

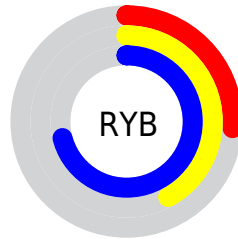
Distribution



Red (26%)

Green (51%)

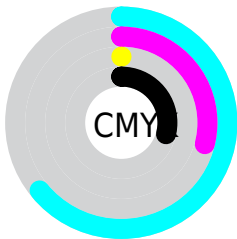
Blue (71%)



Red (26%)

Yellow (42%)

Blue (71%)

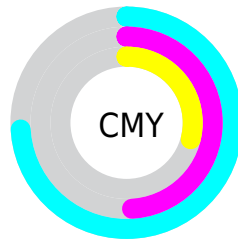


Cyan (64%)

Magenta (29%)

Yellow (0%)

Black (29%)



Cyan (74%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282548662 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 4282548662 by changing the saturation by 10% instead.

 4282548662

 4282548662

4294967295

 4280248475

 4286363374

 4278210689

 4288270847

 4278204775

 4290178559

 4278199375

 4292083711

 4278193976

 4293984255

 4278190626

 4278190087

 4278190080

 4282548662

 4282548662

■ 4281366966

■ 4283730358

■ 4280185014

■ 4284912310

■ 4278937782

■ 4286159542

■ 4278215606

■ 4287341238

■ 4288523190

■ 4289704886

■ 4290886582

■ 4292134070

■ 4293315766

Harmonies

Analogous

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



4278225067



4282548662



4285953970

Triad

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



4282548662



4290012774



4283795545

Complementary

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



4282548662



4290148162

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.



4286022213



4282548662



4289359438

Square

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



4282548662



4289750403



4287920449



4280781685

Rectangle

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



4282548662



4287721638



4287920449



4284581457

Sweetspot

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



4282548662



4290828781



4282562166



4284246904



4294440951



4286085240

Same Dimension

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



4282548662



4281965549



4282534070



4283652188



4278211740



4278193948

Inverse Universe

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



4290134657



4293736859



4290162754



4284240728



4288413780



4280025103

Previews

White Background



This preview shows how the Android color 4282548662 looks on a white background.

Color Contrast Check

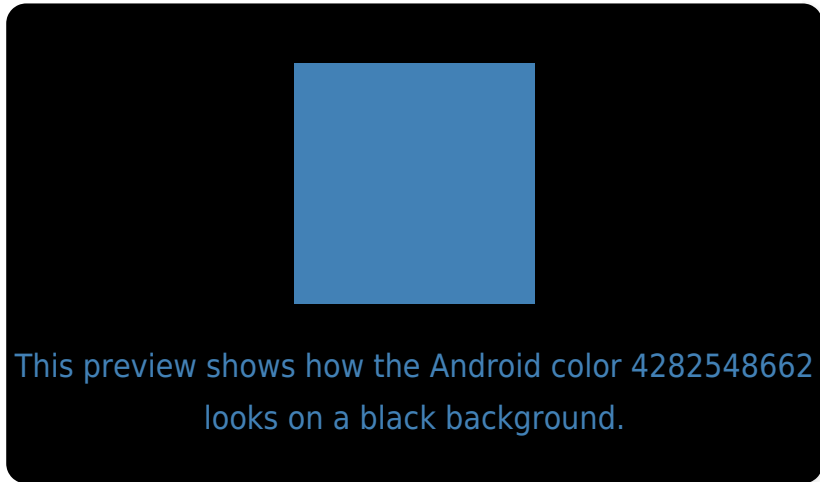
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4282548662 Background



This preview shows how black text looks on a background with the Android color 4282548662.



This preview shows how white text looks on a background with the Android color 4282548662.

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
4282548662

Protanomaly
4284186034

Deuteranomaly
4283858359

Tritanomaly
4281828768

Monochromacy



Original Color
4282548662

Achromatopsia
4285822068

Achromatomaly
4284643724

CSS Examples

Text

The CSS property to change the color of the text to Android 4282548662 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(66, 129, 182)` looks like.

```
.text, #text, p{  
    color:rgb(66, 129, 182)  
}
```

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(66, 129, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 129, 182) }
```

Border

The CSS property to change the border of an element to Android 4282548662 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(66, 129, 182) }
```

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

```
.border{ border-color:rgb(66, 129, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 129, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 129, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 129, 182);  
box-shadow:4px 4px 4px 4px rgb(66, 129,  
182) }
```

Background

The CSS property to change the background color of an element to Android 4282548662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 129, 182) }
```

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

```
.background{ background-color: rgb(66, 129,  
182) }
```

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