

Converting Colors

Android(4285636042)

Have a look what the booklet for
Android(4285636042) contains.

Android(4285636042)	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(4285636042)

Conversions

Conversions Part 1

Format	Color
Hex	719DCA
RGB	113, 157, 202
RGB Percent	44%, 62%, 79%
CMY	0.5569, 0.3843, 0.2078
CMYK	0.44, 0.22, 0.00, 0.21
HSL	210°, 46%, 62%
HSV	210°, 44%, 79%
XYZ	29.5277, 31.8889, 60.4760
YIQ	148.9740, -40.6690, 4.6670

Conversions

Conversions Part 2

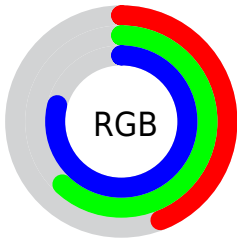
Format	Color
RYB	113, 142, 202
Decimal	7445962
CIELab	63.25, -2.96, -27.76
CIELCh	63, 27.919, 263.909
Yxy	31.8889, 0.2422, 0.2616
Android (android.graphics.Color)	4285636042 (0xFF719DCA)
YUV	148.9740, 26.1418, -31.5492
Hunter-Lab	56.4703, -5.4873, -23.9666

Details

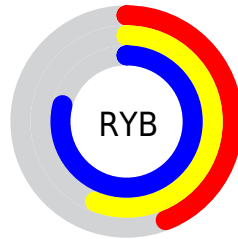
The Android color `4285636042` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4291468913`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4289254399`, and `4282018452` is the 20% darker color. If you saturate the color by 10%, you get `4284322762`, and if you desaturate by 10%, it is `4286949322`.

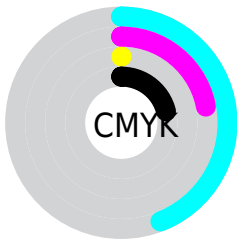
Distribution



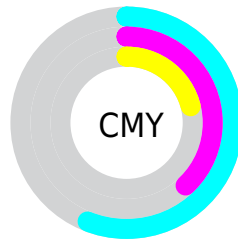
- Red (44%)
- Green (62%)
- Blue (79%)



- Red (44%)
- Yellow (56%)
- Blue (79%)



- Cyan (44%)
- Magenta (22%)
- Yellow (0%)
- Black (21%)



- Cyan (56%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285636042 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 4285636042 by changing the saturation by 10% instead.

 4285636042


 4285636042

4294967295

 4283859887

 4289254399

 4282018452

 4291162367

 4279980666

 4293001215

 4278205281

 4278199881

 4278194482

 4278190621

 4278190080

 4285636042

 4285636042

■ 4284322762

■ 4286949322

■ 4283009482

■ 4288262602

■ 4281630410

■ 4289641674

■ 4280317130

■ 4290954954

■ 4279003850

■ 4292268234

■ 4278215882

■ 4293581514

■ 4294894794

■ 4294963146

■ 4294965706

Harmonies

Analogous

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



4283540416



4285636042



4288058822

Triad

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



4285636042



4291528838



4286161787

Complementary

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



4285636042



4291468913

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.



4288061035



4285636042



4290940274

Square

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



4285636042



4291200927



4289697384



4284327827

Rectangle

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



4285636042



4289433533



4289697384



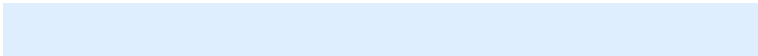
4286816885

Sweetspot

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



4285636042



4292800255



4285647518



4285232512



4278190080



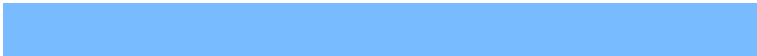
4286611584

Same Dimension

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



4285636042



4286102527



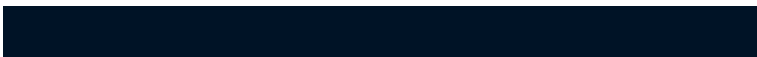
4285624778



4284244326



4278211238



4278194982

Inverse Universe

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



4291457437



4294932667



4291480177



4284898401



4289069138



4280680467

Previews

White Background



This preview shows how the Android color 4285636042 looks on a white background.

Color Contrast Check

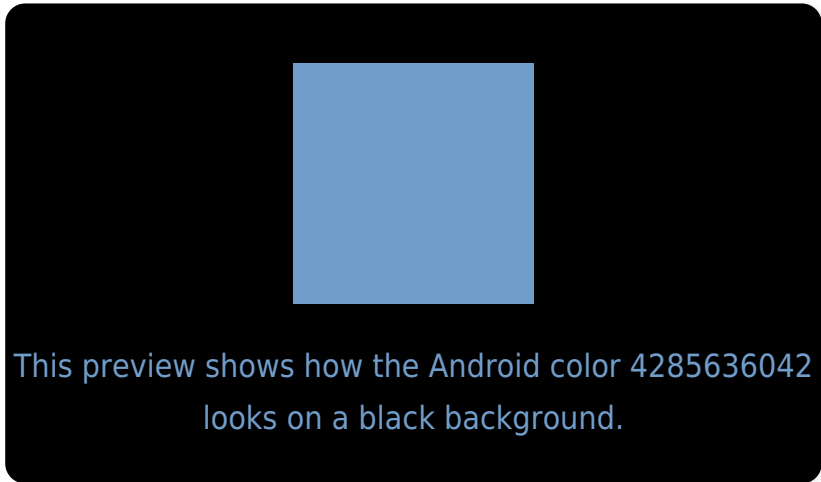
Large Text (above 18pt) WCAG AA × Fail

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 4285636042 Background



This preview shows how black text looks on a background with the Android color 4285636042.



This preview shows how white text looks on a background with the Android color 4285636042.

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
4285636042

Protanomaly
4286749127

Deuteranomaly
4286749131

Tritanomaly
4285309113

Monochromacy



Original Color
4285636042

Achromatopsia
4287993237

Achromatomaly
4287142056

CSS Examples

Text

The CSS property to change the color of the text to Android 4285636042 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(113, 157, 202)` looks like.

```
.text, #text, p{  
    color:rgb(113, 157, 202)  
}
```

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(113, 157, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 157, 202) }
```

Border

The CSS property to change the border of an element to Android 4285636042 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(113, 157, 202) }
```

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

```
.border{ border-color:rgb(113, 157, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 157, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 157, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 157, 202);  
box-shadow:4px 4px 4px 4px rgb(113, 157,  
202) }
```

Background

The CSS property to change the background color of an element to Android 4285636042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 157, 202) }
```

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

```
.background{ background-color: rgb(113,  
157, 202) }
```

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