

Converting Colors

Android(4283786912)

Have a look what the booklet for
Android(4283786912) contains.

Android(4283786912)	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(4283786912)

Conversions

Conversions Part 1

Format	Color
Hex	5566A0
RGB	85, 102, 160
RGB Percent	33%, 40%, 63%
CMY	0.6667, 0.6000, 0.3725
CMYK	0.47, 0.36, 0.00, 0.37
HSL	226°, 31%, 48%
HSV	226°, 47%, 63%
XYZ	14.8428, 13.9721, 35.1723
YIQ	103.5290, -28.7500, 14.4340

Conversions

Conversions Part 2

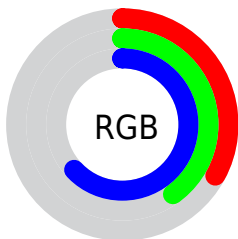
Format	Color
R_{YB}	85, 99, 160
Decimal	5596832
CIE Lab	44.19, 9.80, -33.45
CIE LCh	44, 34.854, 286.334
Yxy	13.9721, 0.2320, 0.2184
Android (android.graphics.Color)	4283786912 (0xFF5566A0)
YUV	103.5290, 27.8402, -16.2499
Hunter-Lab	37.3793, 5.4664, -29.6238

Details

The Android color `4283786912` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288712533`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4287273431`, and `4280236140` is the 20% darker color. If you saturate the color by 10%, you get `4282735264`, and if you desaturate by 10%, it is `4284838560`.

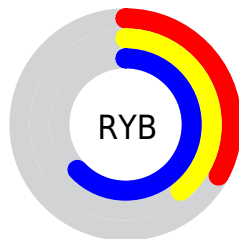
Distribution



Red (33%)

Green (40%)

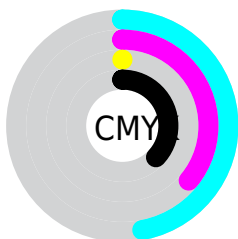
Blue (63%)



Red (33%)

Yellow (39%)

Blue (63%)

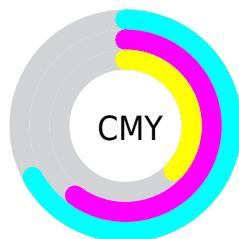


Cyan (47%)

Magenta (36%)

Yellow (0%)

Black (37%)



Cyan (67%)

Magenta (60%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283786912 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 4283786912 by changing the saturation by 10% instead.



4283786912



4283786912

4294967295



4282076806



4287273431



4280236140



4289115124



4278199123



4290957311



4278193468



4292799487



4278190630



4294705151



4278190350



4278190080



4283786912



4283786912



4282735264



4284838560

■ 4281683360

■ 4285890464

■ 4280631712

■ 4286942112

■ 4279580064

■ 4287993760

■ 4278528160

■ 4289045664

■ 4278199456

■ 4290097312

■ 4291149216

■ 4292200864

■ 4293252512

Harmonies

Analogous

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



4278218656



4283786912



4286536593

Triad

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



4283786912



4288174144



4279793242

Complementary

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



4283786912



4288712533

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.



4283003711



4283786912



4286931503

Square

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



4283786912



4288631130



4285164591



4278220664

Rectangle

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



4283786912



4287714432



4285164591



4281169232

Sweetspot

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



4283786912



4290034385



4283801743



4283915113



4293454056



4285098345

Same Dimension

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



4283786912



4284250065



4285093280



4282861903



4278198415



4278190863

Inverse Universe

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



4288697702



4291910775



4287406165



4283385673



4287561760



4279173123

Previews

White Background



This preview shows how the Android color 4283786912 looks on a white background.

Color Contrast Check

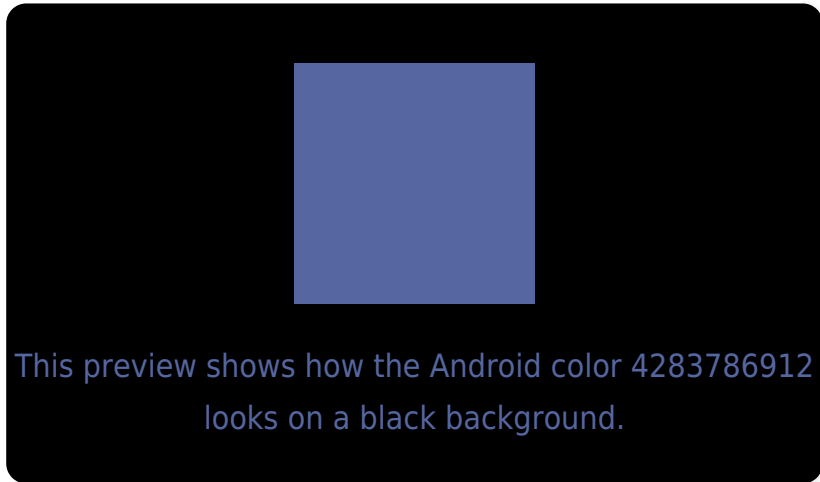
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

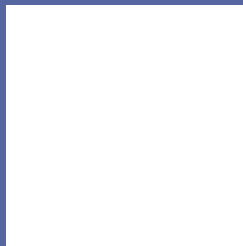
Any Text WCAG AAA × Fail

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

Android 4283786912 Background



This preview shows how black text looks on a background with the Android color 4283786912.



This preview shows how white text looks on a background with the Android color 4283786912.

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
4283786912

Protanopia
4283655840

Deuteranopia
4283263136

Trichromacy



Original Color

4283786912

Protanomaly

4283721376

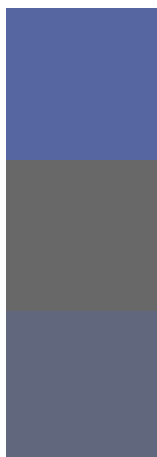
Deuteranomaly

4283459488

Tritanomaly

4283263878

Monochromacy



Original Color

4283786912

Achromatopsia

4285032552

Achromatomaly

4284573564

CSS Examples

Text

The CSS property to change the color of the text to Android 4283786912 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(85, 102, 160)` looks like.

```
.text, #text, p{  
    color:rgb(85, 102, 160)  
}
```

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(85, 102, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 102, 160) }
```

Border

The CSS property to change the border of an element to Android 4283786912 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(85, 102, 160) }
```

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

```
.border{ border-color:rgb(85, 102, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 102, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 102, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 102, 160);  
box-shadow:4px 4px 4px 4px rgb(85, 102,  
160) }
```

Background

The CSS property to change the background color of an element to Android 4283786912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 102, 160) }
```

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

```
.background{ background-color: rgb(85, 102,  
160) }
```

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