

Converting Colors

Android(4286809509)

Have a look what the booklet for
Android(4286809509) contains.

Android(4286809509)	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(4286809509)

Conversions

Conversions Part 1

Format	Color
Hex	8385A5
RGB	131, 133, 165
RGB Percent	51%, 52%, 65%
CMY	0.4863, 0.4784, 0.3529
CMYK	0.21, 0.19, 0.00, 0.35
HSL	236°, 16%, 58%
HSV	236°, 21%, 65%
XYZ	24.5391, 24.3170, 38.9976
YIQ	136.0500, -11.4640, 9.5280

Conversions

Conversions Part 2

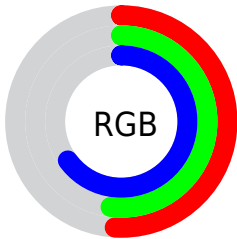
Format	Color
R_{YB}	131, 133, 165
Decimal	8619429
CIE _{Lab}	56.40, 6.29, -17.20
CIE _{LCh}	56, 18.314, 290.098
Yxy	24.3170, 0.2793, 0.2768
Android (android.graphics.Color)	4286809509 (0xFF8385A5)
YUV	136.0500, 14.2723, -4.4289
Hunter-Lab	49.3122, 2.5301, -12.3698

Details

The Android color `4286809509` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `4289045379`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4290296540`, and `4283520113` is the 20% darker color. If you saturate the color by 10%, you get `4285691301`, and if you desaturate by 10%, it is `4287862181`.

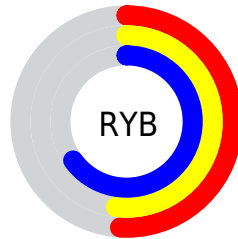
Distribution



Red (51%)

Green (52%)

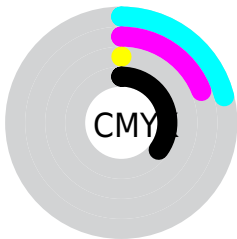
Blue (65%)



Red (51%)

Yellow (52%)

Blue (65%)

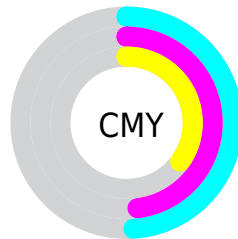


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (35%)



Cyan (49%)

Magenta (48%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286809509 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 4286809509 by changing the saturation by 10% instead.

 4286809509

 4286809509

4294967295

 4285164683

 4290296540

 4283520113

 4292138745

 4281941337

 4294046463

 4280493889

 4279046699

 4278190358

 4278190080

 4286809509

 4286809509

 4285691301

 4287862181

4284638885

4288980133

4283520677

4290032805

4282468261

4291150757

4281350053

4292203429

4280297637

4293321381

4279179429

4294374053

4278192805

4294967205

Harmonies

Analogous

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



4285434534



4286809509



4288118940

Triad

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



4286809509



4288970607



4284846209

Complementary

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



4286809509



4289045379

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.



4285959794



4286809509



4288185448

Square

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



4286809509



4289231997



4287138409



4284190866

Rectangle

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



4286809509



4288707986



4287138409



4285173628

Sweetspot

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



4286809509



4291414742



4286817699



4284769387



4293651435



4285229931

Same Dimension

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



4286809509



4288783574



4287792037



4282993234



4278192529



4278190354

Inverse Universe

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



4289037189



4292256164



4288062851



4283582794



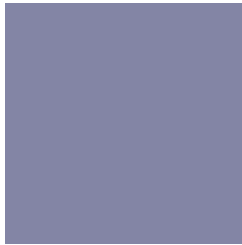
4287692809



4279369729

Previews

White Background



This preview shows how the Android color 4286809509 looks on a white background.

Color Contrast Check

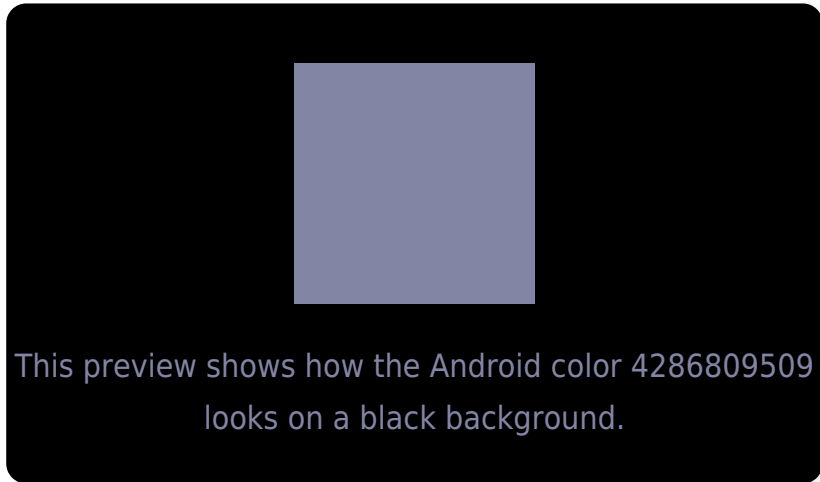
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286809509 Background



This preview shows how black text looks on a background with the Android color 4286809509.



This preview shows how white text looks on a background with the Android color 4286809509.

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](#).

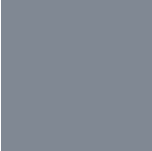
Dichromacy



Original Color
4286809509

Protanopia
4286613158

Deuteranopia
4286940325



Tritanopia
4286613651

Trichromacy



Original Color
4286809509

Protanomaly
4286678694

Deuteranomaly
4286874789

Tritanomaly
4286678938

Monochromacy



Original Color
4286809509

Achromatopsia
4287137928

Achromatomaly
4287006611

CSS Examples

Text

The CSS property to change the color of the text to Android 4286809509 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(131, 133, 165)` looks like.

```
.text, #text, p{  
    color:rgb(131, 133, 165)  
}
```

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(131, 133, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 133, 165) }
```

Border

The CSS property to change the border of an element to Android 4286809509 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(131, 133, 165) }
```

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

```
.border{ border-color:rgb(131, 133, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 133, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 133, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 133, 165);  
box-shadow:4px 4px 4px 4px rgb(131, 133,  
165) }
```

Background

The CSS property to change the background color of an element to Android 4286809509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 133, 165) }
```

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

```
.background{ background-color: rgb(131,  
133, 165) }
```

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