

Converting Colors

Android(4286285732)

Have a look what the booklet for
Android(4286285732) contains.

Android(4286285732)	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(4286285732)

Conversions

Conversions Part 1

Format	Color
Hex	7B87A4
RGB	123, 135, 164
RGB Percent	48%, 53%, 64%
CMY	0.5176, 0.4706, 0.3569
CMYK	0.25, 0.18, 0.00, 0.36
HSL	222°, 18%, 56%
HSV	222°, 25%, 64%
XYZ	23.5332, 24.2192, 38.5564
YIQ	134.7180, -16.4610, 6.4750

Conversions

Conversions Part 2

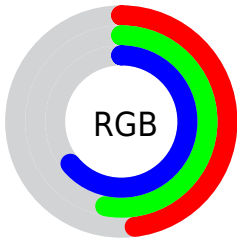
Format	Color
R_{YB}	123, 132, 164
Decimal	8095652
CIE Lab	56.31, 2.30, -16.83
CIE LCh	56, 16.985, 277.784
Yxy	24.2192, 0.2727, 0.2806
Android (android.graphics.Color)	4286285732 (0xFF7B87A4)
YUV	134.7180, 14.4360, -10.2767
Hunter-Lab	49.2130, -0.7659, -12.0022

Details

The Android color `4286285732` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `4288977019`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4289772763`, and `4282996080` is the 20% darker color. If you saturate the color by 10%, you get `4285234084`, and if you desaturate by 10%, it is `4287337380`.

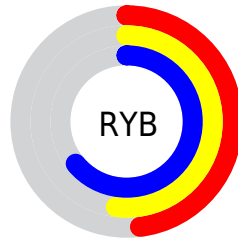
Distribution



Red (48%)

Green (53%)

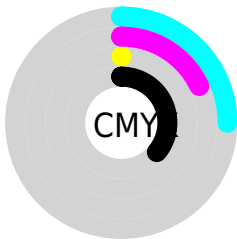
Blue (64%)



Red (48%)

Yellow (52%)

Blue (64%)

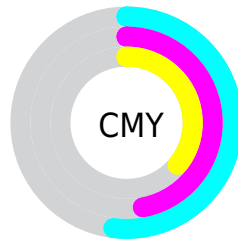


Cyan (25%)

Magenta (18%)

Yellow (0%)

Black (36%)



Cyan (52%)

Magenta (47%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286285732 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 4286285732 by changing the saturation by 10% instead.

 4286285732


 4286285732

4294967295

 4284640906

 4289772763

 4282996080

 4291614968

 4281482840

 4293457151

 4279970112

 4278457386

 4278190357

 4278190080

 4286285732

 4286285732

 4285234084

 4287337380

■ 4284117156

■ 4288454308

■ 4283065508

■ 4289505956

■ 4281948580

■ 4290622884

■ 4280896932

■ 4291674532

■ 4279845284

■ 4292726180

■ 4278728356

■ 4293843108

■ 4278202532

■ 4294894756

■ 4294963108

Harmonies

Analogous

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



4285107362



4286285732



4287529630

Triad

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



4286285732



4288970358



4285370235

Complementary

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



4286285732



4288977019

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.



4286483567



4286285732



4288447084

Square

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



4286285732



4289035652



4287530858



4284584074

Rectangle

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



4286285732



4288249751



4287530858



4285763191

Sweetspot

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



4286285732



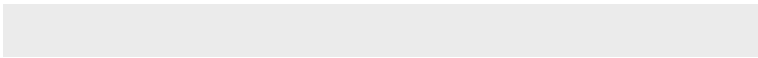
4291152598



4286293144



4284507243



4293651435



4285229931

Same Dimension

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



4286285732



4288063958



4286806948



4282993746



4278201233



4278191378

Inverse Universe

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



4288969607



4292253353



4288455803



4283582796



4287692843



4279369733

Previews

White Background



This preview shows how the Android color 4286285732 looks on a white background.

Color Contrast Check

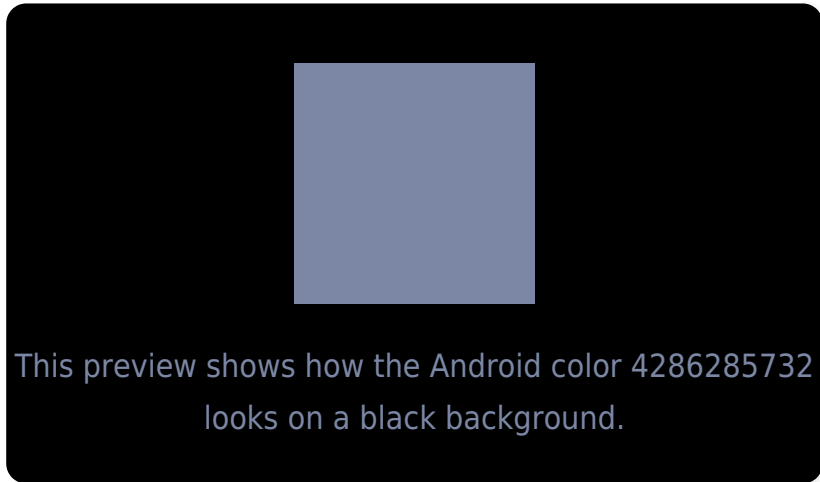
Large Text (above 18pt) WCAG AA ✓ Pass

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

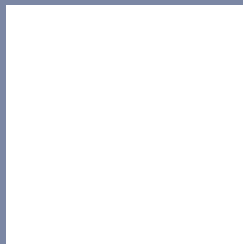
Any Text WCAG AAA × Fail

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

Android 4286285732 Background



This preview shows how black text looks on a background with the Android color 4286285732.

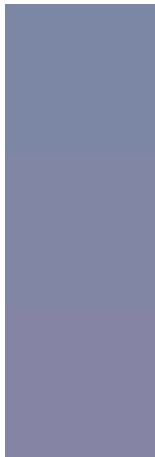


This preview shows how white text looks on a background with the Android color 4286285732.

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
4286285732

Protanopia
4286613155

Deuteranopia
4286940325

Trichromacy



Original Color

4286285732

Protanomaly

4286482083

Deuteranomaly

4286678437

Tritanomaly

4286155162

Monochromacy



Original Color

4286285732

Achromatopsia

4287072135

Achromatomaly

4286810002

CSS Examples

Text

The CSS property to change the color of the text to Android 4286285732 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(123, 135, 164)` looks like.

```
.text, #text, p{  
    color:rgb(123, 135, 164)  
}
```

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(123, 135, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 135, 164) }
```

Border

The CSS property to change the border of an element to Android 4286285732 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(123, 135, 164) }
```

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

```
.border{ border-color:rgb(123, 135, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 135, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 135, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 135, 164);  
box-shadow:4px 4px 4px 4px rgb(123, 135,  
164) }
```

Background

The CSS property to change the background color of an element to Android 4286285732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 135, 164) }
```

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

```
.background{ background-color: rgb(123,  
135, 164) }
```

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