

Converting Colors

Android(4284708007)

Have a look what the booklet for
Android(4284708007) contains.

Android(4284708007)	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(4284708007)

Conversions

Conversions Part 1

Format	Color
Hex	6374A7
RGB	99, 116, 167
RGB Percent	39%, 45%, 65%
CMY	0.6118, 0.5451, 0.3451
CMYK	0.41, 0.31, 0.00, 0.35
HSL	225°, 28%, 52%
HSV	225°, 41%, 65%
XYZ	18.3660, 17.9335, 39.0527
YIQ	116.7310, -26.5030, 12.2570

Conversions

Conversions Part 2

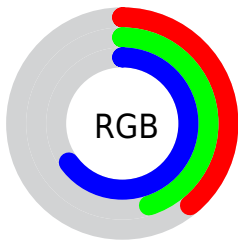
Format	Color
R _Y B	99, 113, 167
Decimal	6517927
CIE Lab	49.42, 7.10, -29.31
CIE LCh	49, 30.163, 283.620
Yxy	17.9335, 0.2437, 0.2380
Android (android.graphics.Color)	4284708007 (0xFF6374A7)
YUV	116.7310, 24.7826, -15.5501
Hunter-Lab	42.3479, 3.3055, -25.0330

Details

The Android color `4284708007` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289173091`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4288194782`, and `4281287795` is the 20% darker color. If you saturate the color by 10%, you get `4283590567`, and if you desaturate by 10%, it is `4285825447`.

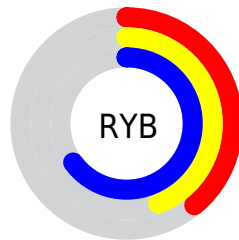
Distribution



Red (39%)

Green (45%)

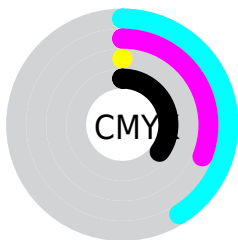
Blue (65%)



Red (39%)

Yellow (44%)

Blue (65%)

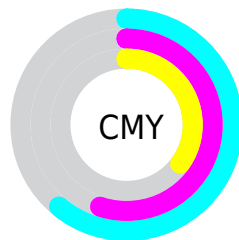


Cyan (41%)

Magenta (31%)

Yellow (0%)

Black (35%)



Cyan (61%)

Magenta (55%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284708007 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 4284708007 by changing the saturation by 10% instead.

■ 4284708007

■ 4284708007

4294967295

■ 4282997900

■ 4288194782

■ 4281287795

■ 4290036731

■ 4279447130

■ 4291878911

■ 4278196802

■ 4293786623

■ 4278190124

■ 4278190358

■ 4278190080

■ 4284708007

■ 4284708007

■ 4283590567

■ 4285825447

■ 4282538919

■ 4286877095

■ 4281421479

■ 4287994535

■ 4280304295

■ 4289111719

■ 4279252391

■ 4290163623

■ 4278200999

■ 4291280807

■ 4292398247

■ 4293515431

■ 4294567335

Harmonies

Analogous

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



4281695398



4284708007



4287064987

Triad

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



4284708007



4288833107



4282221158

Complementary

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



4284708007



4289173091

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.



4284382799



4284708007



4287786820

Square

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



4284708007



4289159787



4286281795



4279206785

Rectangle

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



4284708007



4288177549



4286281795



4283007326

Sweetspot

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



4284708007



4290758105



4284721046



4284375662



4293783021



4285427310

Same Dimension

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



4284708007



4285499865



4285817767



4283190868



4278199700



4278191380

Inverse Universe

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



4289160052



4292439945



4288063331



4283714638



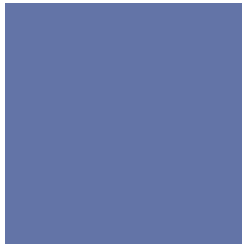
4287889445



4279500805

Previews

White Background



This preview shows how the Android color 4284708007 looks on a white background.

Color Contrast Check

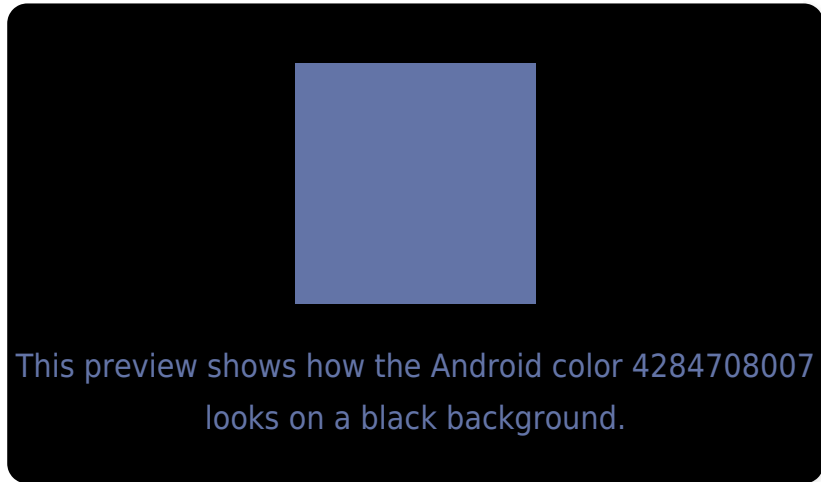
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

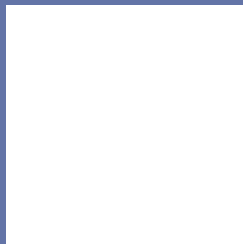
Any Text WCAG AAA × Fail

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

Android 4284708007 Background



This preview shows how black text looks on a background with the Android color 4284708007.

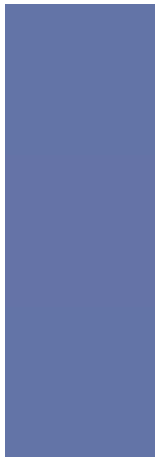


This preview shows how white text looks on a background with the Android color 4284708007.

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
4284708007

Protanopia
4284838823

Deuteranopia
4284708007



Tritanopia
4284119941

Trichromacy



Original Color

4284708007

Protanomaly

4284773287

Deuteranomaly

4284708007

Tritanomaly

4284315793

Monochromacy



Original Color

4284708007

Achromatopsia

4285887861

Achromatomaly

4285429127

CSS Examples

Text

The CSS property to change the color of the text to Android 4284708007 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(99, 116, 167)` looks like.

```
.text, #text, p{  
    color:rgb(99, 116, 167)  
}
```

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(99, 116, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 116, 167) }
```

Border

The CSS property to change the border of an element to Android 4284708007 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(99, 116, 167) }
```

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

```
.border{ border-color:rgb(99, 116, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 116, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(99, 116, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(99, 116, 167); box-shadow:4px 4px 4px 4px rgb(99, 116, 167) }
```

Background

The CSS property to change the background color of an element to Android 4284708007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 116, 167) }
```

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

```
.background{ background-color: rgb(99, 116,  
167) }
```

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