

Converting Colors

Android(4284787912)

Have a look what the booklet for
Android(4284787912) contains.

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Color

Android(4284787912)

Conversions

Conversions Part 1

Format	Color
Hex	64ACC8
RGB	100, 172, 200
RGB Percent	39%, 67%, 78%
CMY	0.6078, 0.3255, 0.2157
CMYK	0.50, 0.14, 0.00, 0.22
HSL	197°, 48%, 59%
HSV	197°, 50%, 78%
XYZ	30.4334, 36.3845, 60.0625
YIQ	153.6640, -51.9000, -6.5560

Conversions

Conversions Part 2

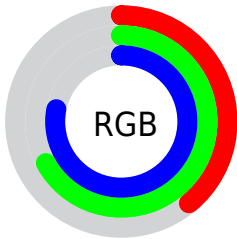
Format	Color
RYB	100, 142, 200
Decimal	6597832
CIELab	66.81, -14.89, -21.24
CIElCh	67, 25.942, 234.979
Yxy	36.3845, 0.2399, 0.2868
Android (android.graphics.Color)	4284787912 (0xFF64ACC8)
YUV	153.6640, 22.8436, -47.0633
Hunter-Lab	60.3196, -15.4996, -16.8136

Details

The Android color `4284787912` is a light color, and the websafe version is hex `3399CC`. A complement of this color would be `4291330148`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4288472063`, and `4280842386` is the 20% darker color. If you saturate the color by 10%, you get `4283475656`, and if you desaturate by 10%, it is `4286100168`.

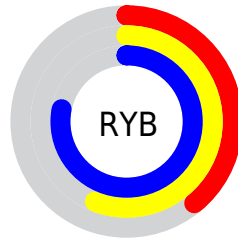
Distribution



Red (39%)

Green (67%)

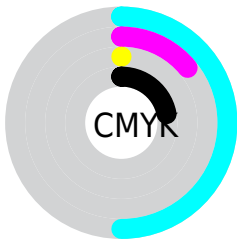
Blue (78%)



Red (39%)

Yellow (56%)

Blue (78%)

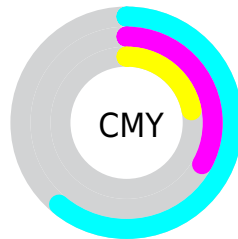


Cyan (50%)

Magenta (14%)

Yellow (0%)

Black (22%)



Cyan (61%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284787912 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 4284787912 by changing the saturation by 10% instead.



4284787912



4284787912

4294967295



4282880429



4288472063



4280842386



4290379775



4278214520



4292280319



4278208351



4294246399



4278202696



4278197553



4278190620



4278190080



4284787912



4284787912

■ 4283475656

■ 4286100168

■ 4282163656

■ 4287412168

■ 4280851400

■ 4288724424

■ 4279539400

■ 4290036424

■ 4278227144

■ 4291348680

■ 4292660936

■ 4293972936

■ 4294957512

■ 4294958792

Harmonies

Analogous

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



4284264373



4284787912



4286621393

Triad

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



4284787912



4291728039



4288653176

Complementary

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



4284787912



4291330148

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.



4290224244



4284787912



4291990416

Square

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



4284787912



4290614974



4291401853



4286885255

Rectangle

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



4284787912



4288061903



4291401853



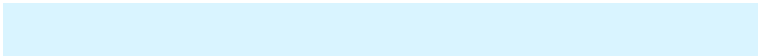
4289176949

Sweetspot

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



4284787912



4292474111



4284795007



4285102464



4278190080



4286611584

Same Dimension

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



4284787912



4284929279



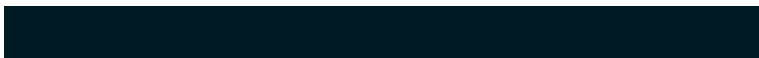
4284775368



4284113251



4278220451



4278196772

Inverse Universe

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



4291323052



4294928084



4291342692



4284701281



4288872566



4280549402

Previews

White Background



This preview shows how the Android color 4284787912 looks on a white background.

Color Contrast Check

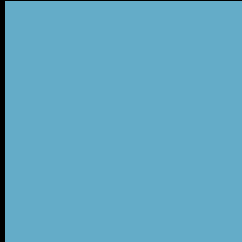
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4284787912 looks on a 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 4284787912 Background



This preview shows how black text looks on a background with the Android color 4284787912.



This preview shows how white text looks on a background with the Android color 4284787912.

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
4284787912

Protanopia
4288389312

Deuteranopia
4288454603

Trichromacy



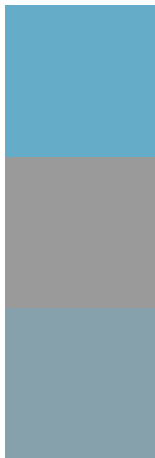
Original Color
4284787912

Protanomaly
4287079619

Deuteranomaly
4287145162

Tritanomaly
4284591552

Monochromacy



Original Color
4284787912

Achromatopsia
4288322202

Achromatomaly
4287013291

CSS Examples

Text

The CSS property to change the color of the text to Android 4284787912 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(100, 172, 200)` looks like.

```
.text, #text, p{  
    color:rgb(100, 172, 200)  
}
```

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(100, 172, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 172, 200) }
```

Border

The CSS property to change the border of an element to Android 4284787912 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(100, 172, 200) }
```

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

```
.border{ border-color:rgb(100, 172, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 172, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 172, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 172, 200);  
box-shadow:4px 4px 4px 4px rgb(100, 172,  
200) }
```

Background

The CSS property to change the background color of an element to Android 4284787912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 172, 200) }
```

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

```
.background{ background-color: rgb(100,  
172, 200) }
```

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](#).

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