

Converting Colors

Android(4284787946)

Have a look what the booklet for
Android(4284787946) contains.

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Color

Android(4284787946)

Conversions

Conversions Part 1

Format	Color
Hex	64ACEA
RGB	100, 172, 234
RGB Percent	39%, 67%, 92%
CMY	0.6078, 0.3255, 0.0824
CMYK	0.57, 0.26, 0.00, 0.08
HSL	208°, 76%, 65%
HSV	208°, 57%, 92%
XYZ	34.8593, 38.1549, 83.3692
YIQ	157.5400, -62.8140, 4.0180

Conversions

Conversions Part 2

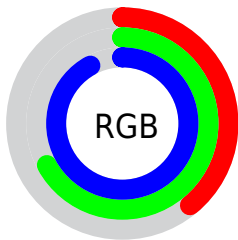
Format	Color
RYB	100, 147, 234
Decimal	6597866
CIELab	68.13, -4.75, -37.91
CIELCh	68, 38.206, 262.862
Yxy	38.1549, 0.2229, 0.2440
Android (android.graphics.Color)	4284787946 (0xFF64ACEA)
YUV	157.5400, 37.6948, -50.4626
Hunter-Lab	61.7696, -7.3614, -36.7838

Details

The Android color `4284787946` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4293567076`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4288668671`, and `4280121522` is the 20% darker color. If you saturate the color by 10%, you get `4283277802`, and if you desaturate by 10%, it is `4286298090`.

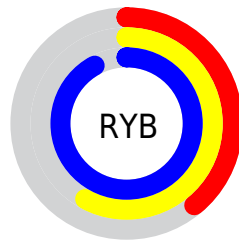
Distribution



Red (39%)

Green (67%)

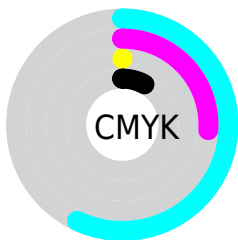
Blue (92%)



Red (39%)

Yellow (58%)

Blue (92%)

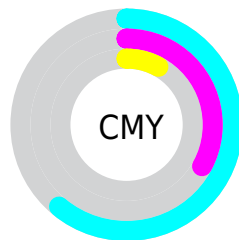


Cyan (57%)

Magenta (26%)

Yellow (0%)

Black (8%)



Cyan (61%)

Magenta (33%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284787946 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 4284787946 by changing the saturation by 10% instead.

 4284787946

 4284787946

4294967295

 4282684110

 4288668671

 4280121522

 4290641919

 4278214551

 4292607999

 4278208637

 4294574079

 4278202980

 4278197579

 4278191156

 4278190622

 4278190081

■ 4284787946

■ 4284787946

■ 4283277802

■ 4286298090

■ 4281702122

■ 4287873770

■ 4280192234

■ 4289383658

■ 4278616554

■ 4290959338

■ 4278222570

■ 4292469482

■ 4293979626

■ 4294965482

■ 4294967274

Harmonies

Analogous

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



4280071388



4284787946



4288585958

Triad

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



4284787946



4293495949



4286231675

Complementary

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



4284787946



4293567076

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.



4288851045



4284787946



4292711792

Square

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



4284787946



4293102768



4291076449



4283152540

Rectangle

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



4284787946



4290615513



4291076449



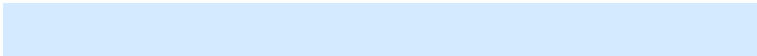
4287148658

Sweetspot

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



4284787946



4292144127



4284803744



4284904576



4278190080



4286611584

Same Dimension

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



4284787946



4283412223



4284771306



4285165685



4278215093



4278197558

Inverse Universe

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



4293551276



4294922158



4293583716



4285885040



4290052193



4281729053

Previews

White Background



This preview shows how the Android color 4284787946 looks on a white background.

Color Contrast Check

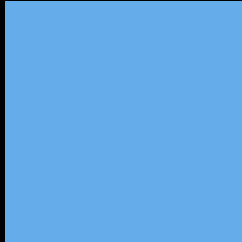
Large Text (above 18pt) WCAG AA × Fail

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 4284787946 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 4284787946 Background



This preview shows how black text looks on a background with the Android color 4284787946.

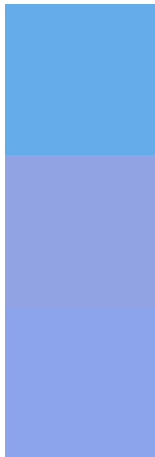


This preview shows how white text looks on a background with the Android color 4284787946.

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
4284787946

Protanopia
4287800291

Deuteranopia
4287341804

Trichromacy



Original Color
4284787946

Protanomaly
4286686950

Deuteranomaly
4286425067

Tritanomaly
4284133585

Monochromacy



Original Color
4284787946

Achromatopsia
4288585374

Achromatomaly
4287210426

CSS Examples

Text

The CSS property to change the color of the text to Android 4284787946 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(100, 172, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 172, 234) }
```

Border

The CSS property to change the border of an element to Android 4284787946 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, 234) }
```

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

```
.border{ border-color:rgb(100, 172, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 172, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 172, 234);  
box-shadow:4px 4px 4px 4px rgb(100, 172,  
234) }
```

Background

The CSS property to change the background color of an element to Android 4284787946 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, 234) }
```

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

```
.background{ background-color: rgb(100,  
172, 234) }
```

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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