

Converting Colors

Android(4284787172)

Have a look what the booklet for
Android(4284787172) contains.

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Color

Android(4284787172)

Conversions

Conversions Part 1

Format	Color
Hex	64A9E4
RGB	100, 169, 228
RGB Percent	39%, 66%, 89%
CMY	0.6078, 0.3373, 0.1059
CMYK	0.56, 0.26, 0.00, 0.11
HSL	208°, 70%, 64%
HSV	208°, 56%, 89%
XYZ	33.4471, 36.6867, 78.7172
YIQ	155.0950, -60.0630, 3.7210

Conversions

Conversions Part 2

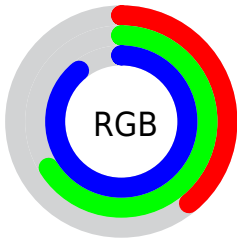
Format	Color
R _Y B	100, 145, 228
Decimal	6597092
CIE Lab	67.04, -4.94, -36.33
CIE LCh	67, 36.660, 262.263
Yxy	36.6867, 0.2247, 0.2465
Android (android.graphics.Color)	4284787172 (0xFF64A9E4)
YUV	155.0950, 35.9422, -48.3183
Hunter-Lab	60.5695, -7.4273, -34.6556

Details

The Android color `4284787172` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4293173092`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4288667903`, and `4280317356` is the 20% darker color. If you saturate the color by 10%, you get `4283277028`, and if you desaturate by 10%, it is `4286297316`.

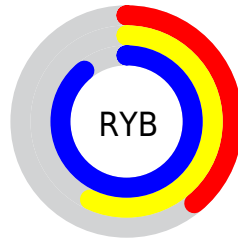
Distribution



Red (39%)

Green (66%)

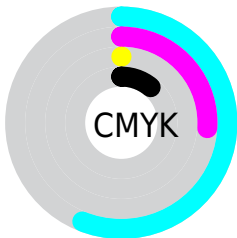
Blue (89%)



Red (39%)

Yellow (57%)

Blue (89%)

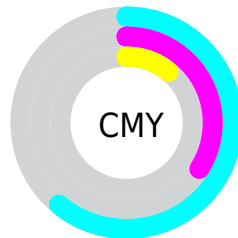


Cyan (56%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (61%)
















Magenta (34%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284787172 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 4284787172 by changing the saturation by 10% instead.

 4284787172	 4284787172
4294967295	 4282748872
 4288667903	 4280317356
 4290575871	 4278214034
 4292542463	 4278207864
 4294508543	 4278202207
	 4278197062
	 4278191152
	 4278190362
	 4278190080

■ 4284787172

■ 4284787172

■ 4283277028

■ 4286297316

■ 4281767140

■ 4287807204

■ 4280322532

■ 4289251812

■ 4278812644

■ 4290761700

■ 4278221796

■ 4292271844

■ 4293781732

■ 4294964196

■ 4294966756

■ 4294967268

Harmonies

Analogous

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



4280791510



4284787172



4288388832

Triad

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



4284787172



4293168012



4286230650

Complementary

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



4284787172



4293173092

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.



4288719205



4284787172



4292449136

Square

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



4284787172



4292709037



4290879074



4283348121

Rectangle

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



4284787172



4290287316



4290879074



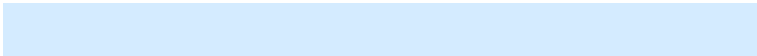
4287082097

Sweetspot

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



4284787172



4292144127



4284802206



4284904576



4278190080



4286611584

Same Dimension

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



4284787172



4283740415



4284771044



4284968307



4278214835



4278197043

Inverse Universe

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



4293158057



4294923440



4293189220



4285753197



4289921120



4281532443

Previews

White Background



This preview shows how the Android color 4284787172 looks on a white background.

Color Contrast Check

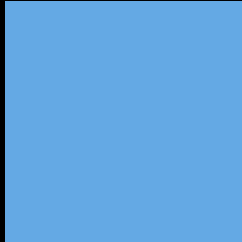
Large Text (above 18pt) WCAG AA × Fail

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 4284787172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

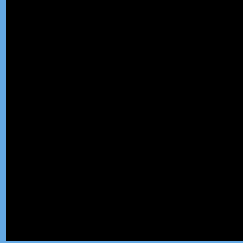
Any Text WCAG AA ✓ Pass

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 4284787172 Background



This preview shows how black text looks on a background with the Android color 4284787172.



This preview shows how white text looks on a background with the Android color 4284787172.

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4284787172 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, 169, 228)` looks like.

```
.text, #text, p{  
    color:rgb(100, 169, 228)  
}
```

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, 169, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 169, 228) }
```

Border

The CSS property to change the border of an element to Android 4284787172 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, 169, 228) }
```

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

```
.border{ border-color:rgb(100, 169, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 169, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 169, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 169, 228); box-shadow:4px 4px 4px 4px rgb(100, 169, 228) }
```

Background

The CSS property to change the background color of an element to Android 4284787172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 169, 228) }
```

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

```
.background{ background-color: rgb(100,  
169, 228) }
```

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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