

Converting Colors

Android(4284917417)

Have a look what the booklet for
Android(4284917417) contains.

Android(4284917417)	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(4284917417)

Conversions

Conversions Part 1

Format	Color
Hex	66A6A9
RGB	102, 166, 169
RGB Percent	40%, 65%, 66%
CMY	0.6000, 0.3490, 0.3373
CMYK	0.40, 0.02, 0.00, 0.34
HSL	183°, 28%, 53%
HSV	183°, 40%, 66%
XYZ	26.2771, 32.9618, 42.5134
YIQ	147.2060, -39.1070, -12.6350

Conversions

Conversions Part 2

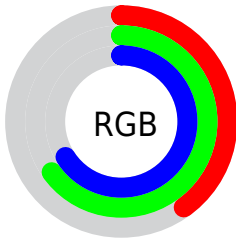
Format	Color
R _{YB}	102, 135, 169
Decimal	6727337
CIE _{Lab}	64.13, -19.66, -8.02
CIE _{LCh}	64, 21.238, 202.199
Y _{xy}	32.9618, 0.2582, 0.3239
Android (android.graphics.Color)	4284917417 (0xFF66A6A9)
YUV	147.2060, 10.7444, -39.6457
Hunter-Lab	57.4124, -18.7737, -3.7152

Details

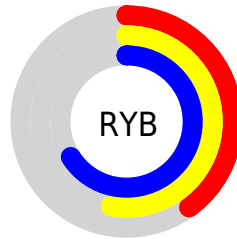
The Android color `4284917417` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `4289292646`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4288470496`, and `4281365109` is the 20% darker color. If you saturate the color by 10%, you get `4283803049`, and if you desaturate by 10%, it is `4286031785`.

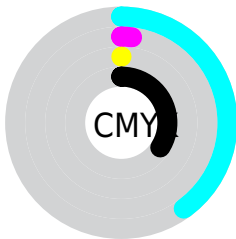
Distribution



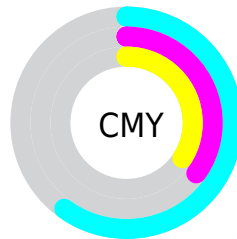
- Red (40%)
- Green (65%)
- Blue (66%)



- Red (40%)
- Yellow (53%)
- Blue (66%)



- Cyan (40%)
- Magenta (2%)
- Yellow (0%)
- Black (34%)



- Cyan (60%)
- Magenta (35%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284917417 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 4284917417 by changing the saturation by 10% instead.



4284917417



4284917417

4294967295



4283141263



4288470496



4281365109



4290312957



4279327068



4292214783



4278207045



4294115327



4278201135



4278196250



4278190080



4284917417



4284917417



4283803049



4286031785

■ 4282688681

■ 4287146153

■ 4281574569

■ 4288260265

■ 4280460201

■ 4289374633

■ 4279345833

■ 4290423465

■ 4278297001

■ 4291537833

■ 4278231465

■ 4292651945

■ 4293766313

■ 4294880681

Harmonies

Analogous

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



4285638294



4284917417



4285244601

Triad

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



4284917417



4289696435



4289632374

Complementary

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



4284917417



4289292646

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.



4290613886



4284917417



4290678433

Square

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



4284917417



4288190654



4290940558



4288388984

Rectangle

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



4284917417



4285964735



4290940558



4290025080

Sweetspot

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



4284917417



4290894555



4284918120



4284378478



4293783021



4285427310

Same Dimension

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



4284917417



4285716443



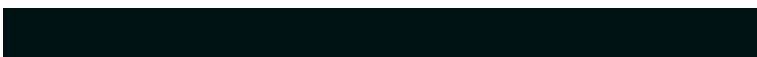
4284908969



4283192404



4278226324



4278194964

Inverse Universe

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



4289291942



4292571863



4289301094



4283714644



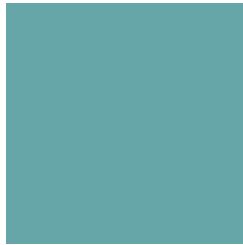
4287889549



4279500819

Previews

White Background



This preview shows how the Android color 4284917417 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 4284917417 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 4284917417 Background



This preview shows how black text looks on a background with the Android color 4284917417.



This preview shows how white text looks on a background with the Android color 4284917417.

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



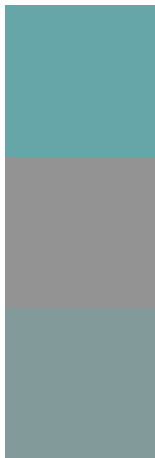
Original Color
4284917417

Protanomaly
4287143589

Deuteranomaly
4287405227

Tritanomaly
4284982703

Monochromacy



Original Color
4284917417

Achromatopsia
4287861651

Achromatomaly
4286814875

CSS Examples

Text

The CSS property to change the color of the text to Android 4284917417 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(102, 166, 169)` looks like.

```
.text, #text, p{  
    color:rgb(102, 166, 169)  
}
```

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(102, 166, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 166, 169) }
```

Border

The CSS property to change the border of an element to Android 4284917417 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(102, 166, 169) }
```

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

```
.border{ border-color:rgb(102, 166, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 166, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 166, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 166, 169);  
box-shadow:4px 4px 4px 4px rgb(102, 166,  
169) }
```

Background

The CSS property to change the background color of an element to Android 4284917417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 166, 169) }
```

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

```
.background{ background-color: rgb(102,  
166, 169) }
```

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