

Converting Colors

Android(4284919490)

Have a look what the booklet for
Android(4284919490) contains.

Android(4284919490)	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(4284919490)

Conversions

Conversions Part 1

Format	Color
Hex	66AEC2
RGB	102, 174, 194
RGB Percent	40%, 68%, 76%
CMY	0.6000, 0.3176, 0.2392
CMYK	0.47, 0.10, 0.00, 0.24
HSL	193°, 43%, 58%
HSV	193°, 47%, 76%
XYZ	30.3531, 36.9919, 56.5793
YIQ	154.7520, -49.3320, -9.0440

Conversions

Conversions Part 2

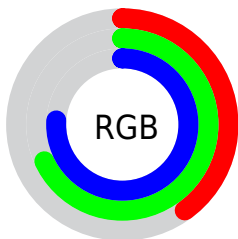
Format	Color
R _Y B	102, 142, 194
Decimal	6729410
CIE Lab	67.27, -17.16, -17.22
CIE LCh	67, 24.313, 225.095
Yxy	36.9919, 0.2449, 0.2985
Android (android.graphics.Color)	4284919490 (0xFF66AEC2)
YUV	154.7520, 19.3493, -46.2635
Hunter-Lab	60.8210, -17.3550, -12.5804

Details

The Android color `4284919490` is a light color, and the websafe version is hex `669999`. A complement of this color would be `4290935398`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4288603899`, and `4281104780` is the 20% darker color. If you saturate the color by 10%, you get `4283673282`, and if you desaturate by 10%, it is `4286165698`.

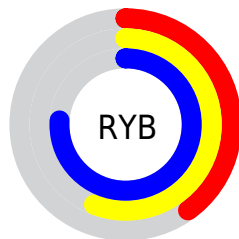
Distribution



Red (40%)

Green (68%)

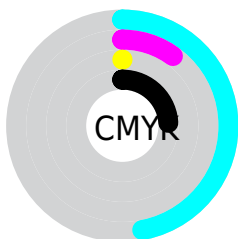
Blue (76%)



Red (40%)

Yellow (56%)

Blue (76%)

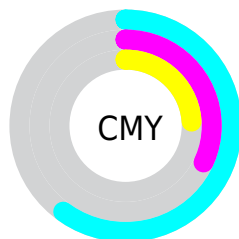


Cyan (47%)

Magenta (10%)

Yellow (0%)

Black (24%)



Cyan (60%)

Magenta (32%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284919490 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 4284919490 by changing the saturation by 10% instead.

 4284919490

 4284919490

4294967295

 4283077543

 4288603899

 4281104780

 4290445311

 4278215027

 4292345855

 4278208858

 4294311935

 4278202947

 4278197804

 4278190360

 4278190080

 4284919490

 4284919490

■ 4283673282

■ 4286165698

■ 4282361538

■ 4287477442

■ 4281115074

■ 4288723906

■ 4279803330

■ 4290035650

■ 4278557122

■ 4291281858

■ 4278229186

■ 4292528066

■ 4293840066

■ 4294955202

■ 4294956226

Harmonies

Analogous

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



4284919982



4284919490



4286228942

Triad

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



4284919490



4291401136



4289242745

Complementary

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



4284919490



4290935398

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.



4290682746



4284919490



4291859609

Square

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



4284919490



4290091715



4291598470



4287671428

Rectangle

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



4284919490



4287538383



4291598470



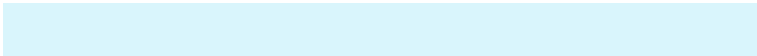
4289766520

Sweetspot

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



4284919490



4292474364



4284924538



4285168512



4278190080



4286611584

Same Dimension

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



4284919490



4285390332



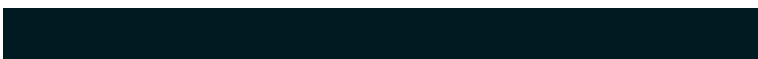
4284907714



4283916129



4278222497



4278196769

Inverse Universe

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



4290930350



4294733277



4290947174



4284569439



4288741502



4280352794

Previews

White Background



This preview shows how the Android color 4284919490 looks on a white background.

Color Contrast Check

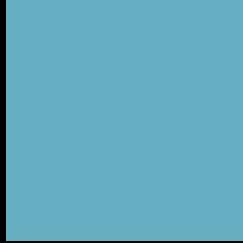
Large Text (above 18pt) WCAG AA × Fail

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 4284919490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

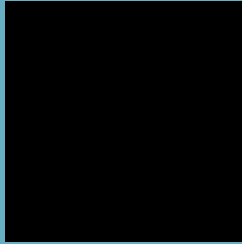
Any Text WCAG AA ✓ Pass

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 4284919490 Background



This preview shows how black text looks on a background with the Android color 4284919490.



This preview shows how white text looks on a background with the Android color 4284919490.

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

4284919490



Protanomaly

4287276733



Deuteranomaly

4287407300



Tritanomaly

4284854207

Monochromacy



Original Color

4284919490



Achromatopsia

4288387995



Achromatomaly

4287144617

CSS Examples

Text

The CSS property to change the color of the text to Android 4284919490 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, 174, 194)` looks like.

```
.text, #text, p{  
    color:rgb(102, 174, 194)  
}
```

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, 174, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 174, 194) }
```

Border

The CSS property to change the border of an element to Android 4284919490 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, 174, 194) }
```

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

```
.border{ border-color:rgb(102, 174, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 174, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 174, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 174, 194);  
box-shadow:4px 4px 4px 4px rgb(102, 174,  
194) }
```

Background

The CSS property to change the background color of an element to Android 4284919490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 174, 194) }
```

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

```
.background{ background-color: rgb(102,  
174, 194) }
```

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