

Converting Colors

Android(4284789450)

Have a look what the booklet for
Android(4284789450) contains.

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Color

Android(4284789450)

Conversions

Conversions Part 1

Format	Color
Hex	64B2CA
RGB	100, 178, 202
RGB Percent	39%, 70%, 79%
CMY	0.6078, 0.3020, 0.2078
CMYK	0.50, 0.12, 0.00, 0.21
HSL	194°, 49%, 59%
HSV	194°, 50%, 79%
XYZ	31.8366, 38.8144, 61.6911
YIQ	157.4140, -54.1920, -9.0720

Conversions

Conversions Part 2

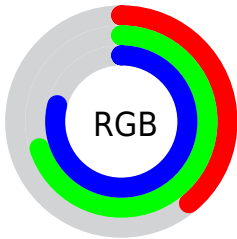
Format	Color
RYB	100, 144, 202
Decimal	6599370
CIELab	68.62, -17.48, -19.60
CIELCh	69, 26.268, 228.271
Yxy	38.8144, 0.2406, 0.2933
Android (android.graphics.Color)	4284789450 (0xFF64B2CA)
YUV	157.4140, 21.9809, -50.3521
Hunter-Lab	62.3012, -17.8116, -15.0985

Details

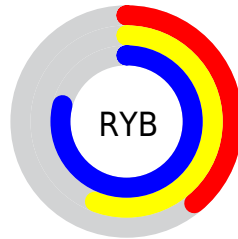
The Android color `4284789450` is a light color, and the websafe version is hex `669999`. A complement of this color would be `4291460196`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4288539391`, and `4280778132` is the 20% darker color. If you saturate the color by 10%, you get `4283477450`, and if you desaturate by 10%, it is `4286101450`.

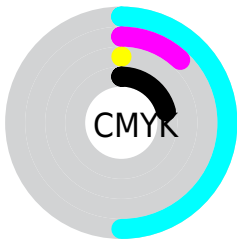
Distribution



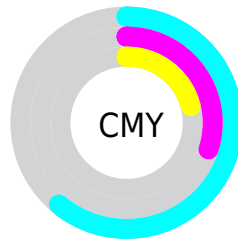
- Red (39%)
- Green (70%)
- Blue (79%)



- Red (39%)
- Yellow (56%)
- Blue (79%)



- Cyan (50%)
- Magenta (12%)
- Yellow (0%)
- Black (21%)



- Cyan (61%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284789450 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 4284789450 by changing the saturation by 10% instead.

 4284789450

 4284789450

4294967295

 4282881967

 4288539391

 4280778132

 4290445311

 4278215802

 4292345855

 4278209633

 4294246399

 4278203721

 4278198323

 4278190622

 4278190080

 4284789450

 4284789450

■ 4283477450

■ 4286101450

■ 4282165450

■ 4287413450

■ 4280788170

■ 4288790730

■ 4279476170

■ 4290102730

■ 4278229706

■ 4291414730

■ 4292726730

■ 4294038474

■ 4294957258

■ 4294958538

Harmonies

Analogous

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



4284659125



4284789450



4286426325

Triad

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



4284789450



4291925938



4289374842

Complementary

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



4284789450



4291460196

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.



4290880377



4284789450



4292384410

Square

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



4284789450



4290616519



4291992453



4287607175

Rectangle

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



4284789450



4287866838



4291992453



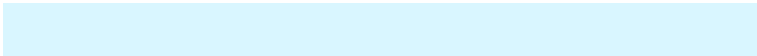
4289898616

Sweetspot

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



4284789450



4292474623



4284795516



4285102720



4278190080



4286611584

Same Dimension

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



4284789450



4284734207



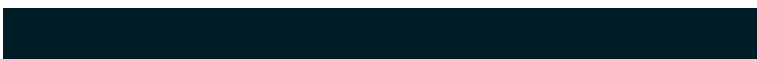
4284776394



4284245094



4278222758



4278197542

Inverse Universe

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



4291454130



4294927322



4291473252



4284898404



4289069183



4280680477

Previews

White Background



This preview shows how the Android color 4284789450 looks on a white background.

Color Contrast Check

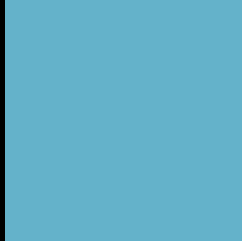
Large Text (above 18pt) WCAG AA × Fail

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 4284789450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

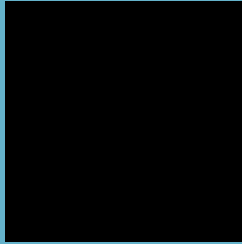
Any Text WCAG AA ✓ Pass

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 4284789450 Background



This preview shows how black text looks on a background with the Android color 4284789450.

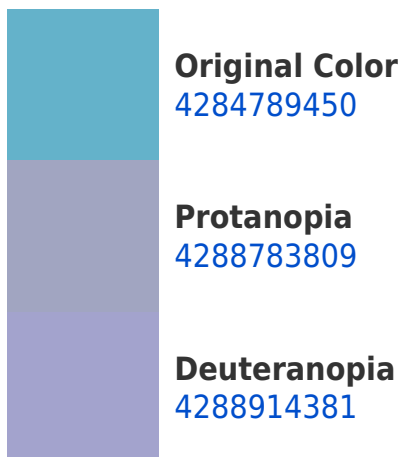


This preview shows how white text looks on a background with the Android color 4284789450.

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



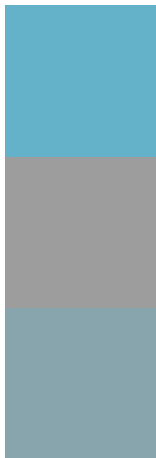
Original Color
4284789450

Protanomaly
4287343300

Deuteranomaly
4287408332

Tritanomaly
4284658629

Monochromacy



Original Color
4284789450

Achromatopsia
4288519581

Achromatomaly
4287145389

CSS Examples

Text

The CSS property to change the color of the text to Android 4284789450 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, 178, 202)` looks like.

```
.text, #text, p{  
    color:rgb(100, 178, 202)  
}
```

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, 178, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 178, 202) }
```

Border

The CSS property to change the border of an element to Android 4284789450 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, 178, 202) }
```

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

```
.border{ border-color:rgb(100, 178, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 178, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 178, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 178, 202);  
box-shadow:4px 4px 4px 4px rgb(100, 178,  
202) }
```

Background

The CSS property to change the background color of an element to Android 4284789450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 178, 202) }
```

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

```
.background{ background-color: rgb(100,  
178, 202) }
```

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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