

# Converting Colors

Android(4284393193)

Have a look what the booklet for  
Android(4284393193) contains.

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# **Color**

**Android(4284393193)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EA6E9
RGB	94, 166, 233
RGB Percent	37%, 65%, 91%
CMY	0.6314, 0.3490, 0.0863
CMYK	0.60, 0.29, 0.00, 0.09
HSL	209°, 76%, 64%
HSV	209°, 60%, 91%
XYZ	32.9603, 35.5353, 82.2126
YIQ	152.1100, -64.4190, 5.5730

# Conversions

## Conversions Part 2

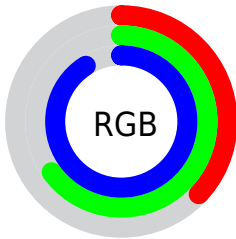
Format	Color
R <sub>Y</sub> B	94, 141, 233
Decimal	6203113
CIE Lab	66.16, -2.87, -40.46
CIE LCh	66, 40.560, 265.940
Yxy	35.5353, 0.2187, 0.2358
Android (android.graphics.Color)	4284393193 (0xFF5EA6E9)
YUV	152.1100, 39.8788, -50.9625
Hunter-Lab	59.6115, -5.6242, -40.0412

# Details

The Android color `4284393193` is a light color, and the websafe version is hex `6699CC`. The color can be described as light muted azure. A complement of this color would be `4293501278`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4288339455`, and `4279071409` is the 20% darker color. If you saturate the color by 10%, you get `4282883049`, and if you desaturate by 10%, it is `4285903337`.

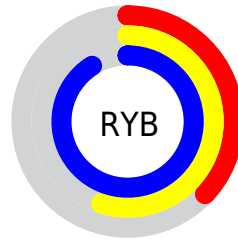
# Distribution



Red (37%)

Green (65%)

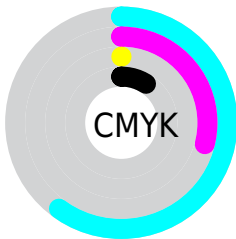
Blue (91%)



Red (37%)

Yellow (55%)

Blue (91%)

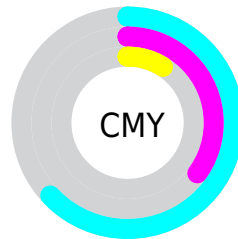


Cyan (60%)

Magenta (29%)

Yellow (0%)

Black (9%)



Cyan (63%)

Magenta (35%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284393193 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 4284393193 by changing the saturation by 10% instead.



 4284393193

 4284393193

4294967295

 4282223821

 4288339455

 4279071409

 4290312703

 4278213270

 4292280319

 4278207356

 4294246399

 4278201699

 4278196554

 4278191155

 4278190621

 4278190080

■ 4284393193

■ 4284393193

■ 4282883049

■ 4285903337

■ 4281307369

■ 4287479017

■ 4279796969

■ 4288989417

■ 4278286825

■ 4290499561

■ 4278221289

■ 4292075241

■ 4293585385

■ 4294964713

■ 4294967273

# Harmonies

## Analogous

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



4278235100



4284393193



4288518626

# Triad

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



4284393193



4293297795



4285313143

# Complementary

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



4284393193



4293501278

# 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.



4288194654



4284393193



4292382822

# Square

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



4284393193



4293035175



4290551127



4281578650

# Rectangle

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



4284393193



4290613460



4290551127



4286361197

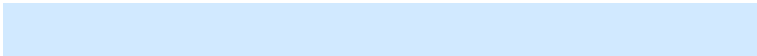


# Sweetspot

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



4284393193



4291947007



4284410271



4284707456



4278190080



4286611584



# Same Dimension

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



4284393193



4282886143



4284376041



4285165685



4278214325



4278197302



# Inverse Universe

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



4293484198



4294920103



4293518430



4285885040



4290052190

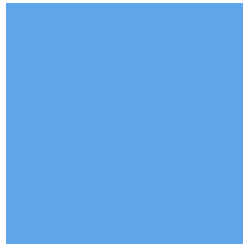


4281729052



# Previews

## White Background



This preview shows how the Android color 4284393193 looks on a white background.

## Color Contrast Check

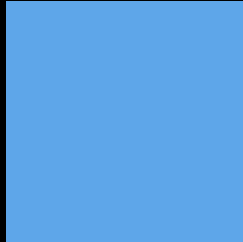
Large Text (above 18pt) WCAG AA × Fail

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 4284393193 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 4284393193 Background



This preview shows how black text looks on a background with the Android color 4284393193.

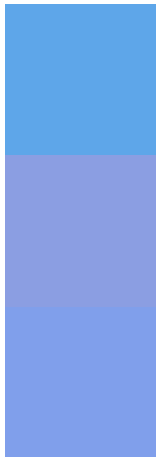


This preview shows how white text looks on a background with the Android color 4284393193.

# 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**  
4284393193

**Protanopia**  
4287340258

**Deuteranopia**  
4286619627



# Trichromacy



**Original Color**  
4284393193

**Protanomaly**  
4286292453

**Deuteranomaly**  
4285833962

**Tritanomaly**  
4283542477

# Monochromacy



**Original Color**  
4284393193

**Achromatopsia**  
4288190616

**Achromatomaly**  
4286815669

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284393193 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(94, 166, 233)` looks like.

```
.text, #text, p{  
    color:rgb(94, 166, 233)  
}
```

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(94, 166, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 166, 233) }
```

## Border

The CSS property to change the border of an element to Android 4284393193 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(94, 166, 233) }
```

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

```
.border{ border-color:rgb(94, 166, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 166, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 166, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 166, 233);  
box-shadow:4px 4px 4px 4px rgb(94, 166,  
233) }
```

# Background

The CSS property to change the background color of an element to Android 4284393193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 166, 233) }
```

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

```
.background{ background-color: rgb(94, 166,  
233) }
```

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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