

# Converting Colors

Android(4285902024)

Have a look what the booklet for  
Android(4285902024) contains.

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# **Color**

**Android(4285902024)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75ACC8
RGB	117, 172, 200
RGB Percent	46%, 67%, 78%
CMY	0.5412, 0.3255, 0.2157
CMYK	0.42, 0.14, 0.00, 0.22
HSL	200°, 43%, 62%
HSV	200°, 42%, 78%
XYZ	32.5140, 37.4571, 60.1599
YIQ	158.7470, -41.7680, -2.9520

# Conversions

## Conversions Part 2

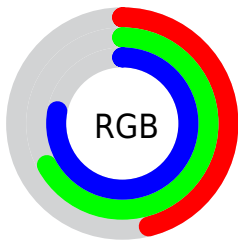
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">117, 150, 200</a>
Decimal	<a href="#">7711944</a>
CIELab	<a href="#">67.62, -10.74, -19.94</a>
CIElCh	<a href="#">68, 22.651, 241.704</a>
Yxy	<a href="#">37.4571, 0.2499, 0.2878</a>
Android (android.graphics.Color)	<a href="#">4285902024 (0xFF75ACC8)</a>
YUV	<a href="#">158.7470, 20.3377, -36.6121</a>
Hunter-Lab	<a href="#">61.2022, -12.2748, -15.4387</a>

# Details

The Android color `4285902024` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4291334517`, and the grayscale version is `4288651167`.

A 20% lighter version of the original color is `4289520639`, and `4282349714` is the 20% darker color. If you saturate the color by 10%, you get `4284589512`, and if you desaturate by 10%, it is `4287214536`.

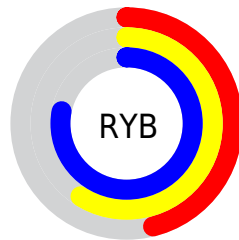
# Distribution



Red (46%)

Green (67%)

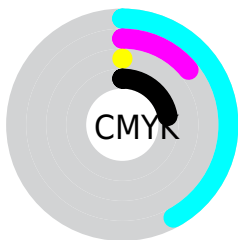
Blue (78%)



Red (46%)

Yellow (59%)

Blue (78%)

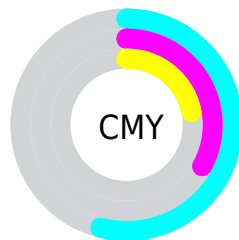


Cyan (42%)

Magenta (14%)

Yellow (0%)

Black (22%)



Cyan (54%)

Magenta (33%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285902024 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 4285902024 by changing the saturation by 10% instead.



 4285902024

 4285902024

4294967295

 4284125613

 4289520639

 4282349714

 4291428351

 4280377208

 4293263359

 4278208351

 4278202696

 4278197297

 4278190620

 4278190080

 4285902024

 4285902024

■ 4284589512

■ 4287214536

■ 4283277256

■ 4288526792

■ 4281964744

■ 4289839304

■ 4280652232

■ 4291151816

■ 4279339720

■ 4292464328

■ 4278224328

■ 4293776584

■ 4294958024

■ 4294959816

■ 4294961608

# Harmonies

## Analogous

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



4285182137



4285902024



4287538893

# Triad

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



4285902024



4291663524



4288522882

# Complementary

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



4285902024



4291334517

# 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.



4289963132



4285902024



4291729552

# Square

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



4285902024



4290812344



4291075457



4286951057

# Rectangle

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



4285902024



4288782794



4291075457



4288981119

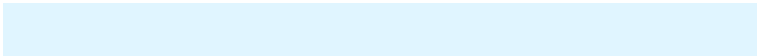


# Sweetspot

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



4285902024



4292933119



4285909137



4285430144



4278190080



4286611584

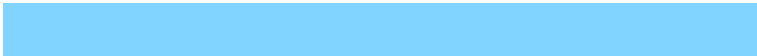


# Same Dimension

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



4285902024



4286633215



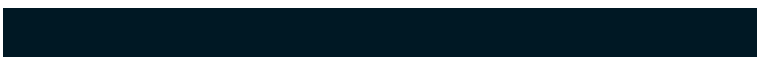
4285891528



4284112995



4278217891



4278196260



# Inverse Universe

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



4291327404



4294934740



4291345013



4284701280



4288872556

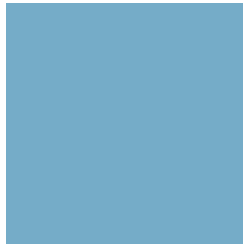


4280549400



# Previews

## White Background



This preview shows how the Android color 4285902024 looks on a white background.

## Color Contrast Check

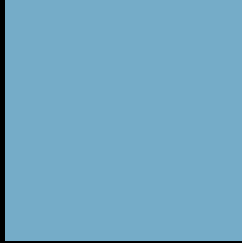
Large Text (above 18pt) WCAG AA × Fail

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 4285902024 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 4285902024 Background



This preview shows how black text looks on a background with the Android color 4285902024.



This preview shows how white text looks on a background with the Android color 4285902024.

# 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



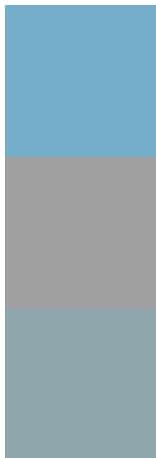
**Original Color**  
4285902024

**Protanomaly**  
4287604420

**Deuteranomaly**  
4287735241

**Tritanomaly**  
4285771200

# Monochromacy



**Original Color**  
4285902024

**Achromatopsia**  
4288651167

**Achromatomaly**  
4287669422

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285902024 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(117, 172, 200)` looks like.

```
.text, #text, p{  
    color:rgb(117, 172, 200)  
}
```

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(117, 172, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 172, 200) }
```

## Border

The CSS property to change the border of an element to Android 4285902024 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(117, 172, 200) }
```

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

```
.border{ border-color:rgb(117, 172, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 172, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 172, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 172, 200); box-shadow:4px 4px 4px 4px rgb(117, 172, 200) }
```

# Background

The CSS property to change the background color of an element to Android 4285902024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 172, 200) }
```

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

```
.background{ background-color: rgb(117,  
172, 200) }
```

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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