

# Converting Colors

Android(4284586204)

Have a look what the booklet for  
Android(4284586204) contains.

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# **Color**

**Android(4284586204)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6198DC
RGB	97, 152, 220
RGB Percent	38%, 60%, 86%
CMY	0.6196, 0.4039, 0.1373
CMYK	0.56, 0.31, 0.00, 0.14
HSL	213°, 64%, 62%
HSV	213°, 56%, 86%
XYZ	29.0763, 30.1652, 72.0001
YIQ	143.3070, -54.6080, 9.4880

# Conversions

## Conversions Part 2

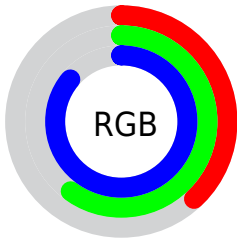
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 135, 220
Decimal	6396124
CIE Lab	61.80, 1.57, -40.11
CIE LCh	62, 40.142, 272.245
Yxy	30.1652, 0.2215, 0.2298
Android (android.graphics.Color)	4284586204 (0xFF6198DC)
YUV	143.3070, 37.8096, -40.6112
Hunter-Lab	54.9228, -1.6166, -39.2792

# Details

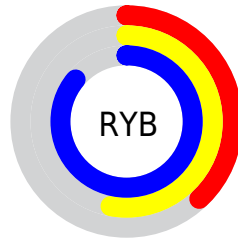
The Android color `4284586204` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4292650337`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4288401151`, and `4280182181` is the 20% darker color. If you saturate the color by 10%, you get `4283141340`, and if you desaturate by 10%, it is `4286031068`.

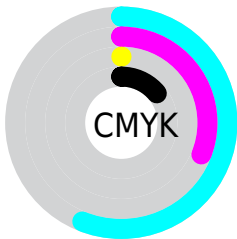
# Distribution



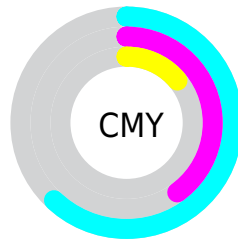
- Red (38%)
- Green (60%)
- Blue (86%)



- Red (38%)
- Yellow (53%)
- Blue (86%)



- Cyan (56%)
- Magenta (31%)
- Yellow (0%)
- Black (14%)



- Cyan (62%)
- Magenta (40%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284586204 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 4284586204 by changing the saturation by 10% instead.



 4284586204

 4284586204

4294967295

 4282613440

 4288401151

 4280182181

 4290308863

 4278210186

 4292280319

 4278204272

 4294180863

 4278199127

 4278193216

 4278190889

 4278190355

 4278190080

■ 4284586204

■ 4284586204

■ 4283141340

■ 4286031068

■ 4281696476

■ 4287475932

■ 4280251612

■ 4288920796

■ 4278806492

■ 4290365916

■ 4278215388

■ 4291810780

■ 4293255644

■ 4294700508

■ 4294965724

■ 4294967260

# Harmonies

## Analogous

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



4278231763



4284586204



4288449489

# Triad

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



4284586204



4292312177



4283934067

# Complementary

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



4284586204



4292650337

# 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.



4286881367



4284586204



4291201111

# Square

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



4284586204



4292311188



4289303629



4278364311

# Rectangle

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



4284586204



4290347713



4289303629



4284982120

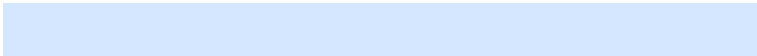


# Sweetspot

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



4284586204



4292143103



4284603557



4284903808



4278190080



4286611584



# Same Dimension

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



4284586204



4283736575



4284965340



4284704878



4278210221



4278195502



# Inverse Universe

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



4292632984



4294923425



4292271201



4285424488



4289527886

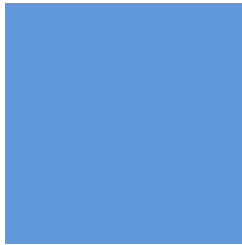


4281204757



# Previews

## White Background



This preview shows how the Android color 4284586204 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 4284586204 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 4284586204 Background



This preview shows how black text looks on a background with the Android color 4284586204.



This preview shows how white text looks on a background with the Android color 4284586204.

# 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**

4284586204

**Protanomaly**

4285764825

**Deuteranomaly**

4285371869

**Tritanomaly**

4283866815

# Monochromacy



**Original Color**

4284586204

**Achromatopsia**

4287598479

**Achromatomaly**

4286485163

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284586204 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(97, 152, 220)` looks like.

```
.text, #text, p{  
    color:rgb(97, 152, 220)  
}
```

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(97, 152, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 152, 220) }
```

## Border

The CSS property to change the border of an element to Android 4284586204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

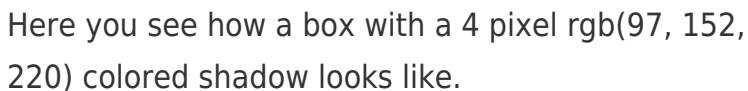
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(97, 152, 220) }
```

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

```
.border{ border-color:rgb(97, 152, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(97, 152, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(97, 152, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(97, 152, 220); box-shadow:4px 4px 4px 4px rgb(97, 152, 220) }
```

# Background

The CSS property to change the background color of an element to Android 4284586204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 152, 220) }
```

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

```
.background{ background-color: rgb(97, 152,  
220) }
```

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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