

# Converting Colors

Android(4286558691)

Have a look what the booklet for  
Android(4286558691) contains.

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# **Color**

**Android(4286558691)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FB1E3
RGB	127, 177, 227
RGB Percent	50%, 69%, 89%
CMY	0.5020, 0.3059, 0.1098
CMYK	0.44, 0.22, 0.00, 0.11
HSL	210°, 64%, 69%
HSV	210°, 44%, 89%
XYZ	38.3397, 41.5024, 78.6631
YIQ	167.7500, -45.8500, 4.9500

# Conversions

## Conversions Part 2

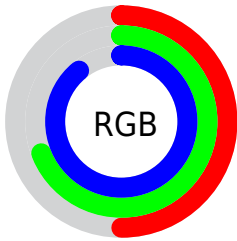
Format	Color
R <sub>Y</sub> B	127, 160, 227
Decimal	8368611
CIE Lab	70.53, -3.52, -30.28
CIE LCh	71, 30.480, 263.364
Yxy	41.5024, 0.2419, 0.2618
Android (android.graphics.Color)	4286558691 (0xFF7FB1E3)
YUV	167.7500, 29.2102, -35.7377
Hunter-Lab	64.4223, -6.5083, -27.3006

# Details

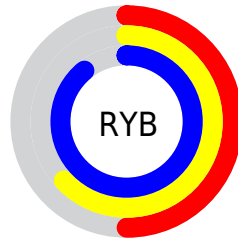
The Android color `4286558691` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4293112191`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4290243071`, and `4282875307` is the 20% darker color. If you saturate the color by 10%, you get `4285048547`, and if you desaturate by 10%, it is `4288068835`.

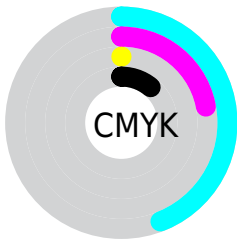
# Distribution



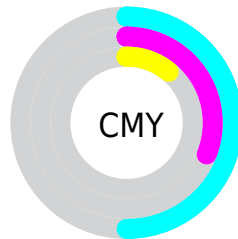
- Red (50%)
- Green (69%)
- Blue (89%)



- Red (50%)
- Yellow (63%)
- Blue (89%)



- Cyan (44%)
- Magenta (22%)
- Yellow (0%)
- Black (11%)



- Cyan (50%)
- Magenta (31%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286558691 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 4286558691 by changing the saturation by 10% instead.



 4286558691

 4286558691

4294967295

 4284716743

 4290243071

 4282875307

 4292149247

 4280902801

 4294115327

 4278209655

 4278203998

 4278198598

 4278191920

 4278190362

 4278190080

■ 4286558691

■ 4286558691

■ 4285048547

■ 4288068835

■ 4283603683

■ 4289513699

■ 4282093539

■ 4291023843

■ 4280583395

■ 4292533987

■ 4279138531

■ 4294044387

■ 4278219491

■ 4294964707

■ 4294967267

# Harmonies

## Analogous

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



4284266712



4286558691



4289243359

# Triad

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



4286558691



4293171608



4287281291

# Complementary

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



4286558691



4293112191

# 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.



4289311097



4286558691



4292583297

# Square

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



4286558691



4292843700



4291209590



4285184933

# Rectangle

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



4286558691



4290814421



4291209590



4287936131

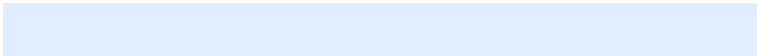


# Sweetspot

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



4286558691



4292800255



4286571441



4285232512



4278190080



4286611584

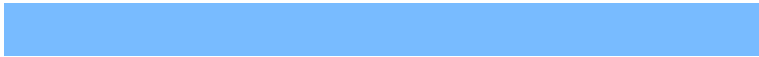


# Same Dimension

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



4286558691



4286102527



4286545891



4284968307



4278213043



4278196787



# Inverse Universe

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



4293099441



4294932667



4293124991



4285753197



4289921113

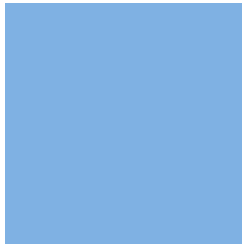


4281532442



# Previews

## White Background



This preview shows how the Android color 4286558691 looks on a white background.

## Color Contrast Check

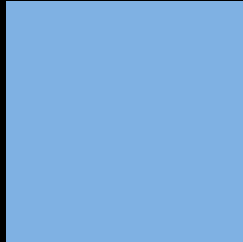
Large Text (above 18pt) WCAG AA × Fail

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 4286558691 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 4286558691 Background



This preview shows how black text looks on a background with the Android color 4286558691.



This preview shows how white text looks on a background with the Android color 4286558691.

# 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**  
4286558691

**Protanomaly**  
4287868384

**Deuteranomaly**  
4287802596

**Tritanomaly**  
4286231760

# Monochromacy



**Original Color**  
4286558691

**Achromatopsia**  
4289243304

**Achromatomaly**  
4288261053

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286558691 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(127, 177, 227)` looks like.

```
.text, #text, p{  
    color:rgb(127, 177, 227)  
}
```

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(127, 177, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 177, 227) }
```

## Border

The CSS property to change the border of an element to Android 4286558691 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(127, 177, 227) }
```

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

```
.border{ border-color:rgb(127, 177, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 177, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 177, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 177, 227);  
box-shadow:4px 4px 4px 4px rgb(127, 177,  
227) }
```

# Background

The CSS property to change the background color of an element to Android 4286558691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 177, 227) }
```

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

```
.background{ background-color: rgb(127,  
177, 227) }
```

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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