

# Converting Colors

Android(4287744753)

Have a look what the booklet for  
Android(4287744753) contains.

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# **Color**

**Android(4287744753)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91CAF1
RGB	145, 202, 241
RGB Percent	57%, 79%, 95%
CMY	0.4314, 0.2078, 0.0549
CMYK	0.40, 0.16, 0.00, 0.05
HSL	204°, 77%, 76%
HSV	204°, 40%, 95%
XYZ	48.6748, 54.6117, 91.1948
YIQ	189.4030, -46.4910, 0.0450

# Conversions

## Conversions Part 2

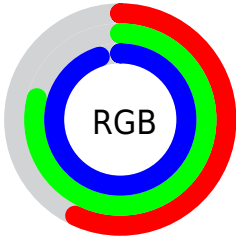
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	145, 181, 241
Decimal	9554673
CIE Lab	78.82, -8.66, -25.05
CIE LCh	79, 26.503, 250.917
Yxy	54.6117, 0.2503, 0.2808
Android (android.graphics.Color)	4287744753 (0xFF91CAF1)
YUV	189.4030, 25.4373, -38.9414
Hunter-Lab	73.8997, -11.7537, -21.4361

# Details

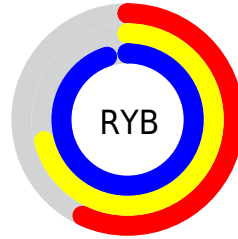
The Android color `4287744753` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4294031505`, and the grayscale version is `4290624957`.

A 20% lighter version of the original color is `4291493887`, and `4284126393` is the 20% darker color. If you saturate the color by 10%, you get `4286169329`, and if you desaturate by 10%, it is `4289320177`.

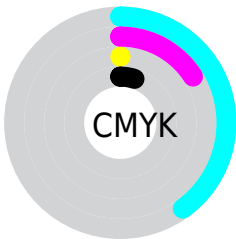
# Distribution



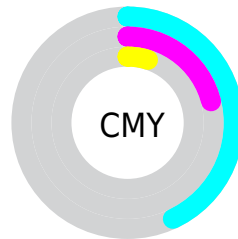
- Red (57%)
- Green (79%)
- Blue (95%)



- Red (57%)
- Yellow (71%)
- Blue (95%)



- Cyan (40%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)



- Cyan (43%)
- Magenta (21%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287744753 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 4287744753 by changing the saturation by 10% instead.



 4287744753

 4287744753

4294967295

 4285902805

 4291493887

 4284126393

 4293394431

 4282219166

 4280115588

 4278209130

 4278203218

 4278197819

 4278190629

 4278190350

■ 4287744753

■ 4287744753

■ 4286169329

■ 4289320177

■ 4284593905

■ 4290895601

■ 4283018737

■ 4292470769

■ 4281443313

■ 4294046193

■ 4279802353

■ 4294966257

■ 4278226929

■ 4294967281

# Harmonies

## Analogous

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



4286435298



4287744753



4289905395

# Triad

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



4287744753



4294291899



4289842077

# Complementary

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



4287744753



4294031505

# 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.



4291609747



4287744753



4294096292

# Square

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



4287744753



4293571540



4293115029



4288008370

# Rectangle

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



4287744753



4291345901



4293115029



4290431384

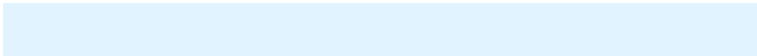


# Sweetspot

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



4287744753



4292932607



4287754679



4285429888



4278190080



4286611584

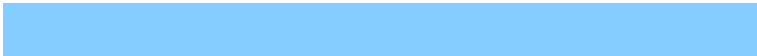


# Same Dimension

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



4287744753



4286959103



4287732721



4285297528



4278218168



4278198584



# Inverse Universe

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



4294021578



4294936013



4294043537



4286082163



4290248813

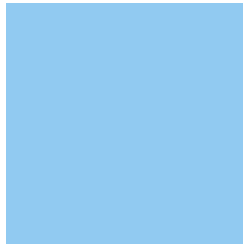


4281860129



# Previews

## White Background



This preview shows how the Android color 4287744753 looks on a white background.

## Color Contrast Check

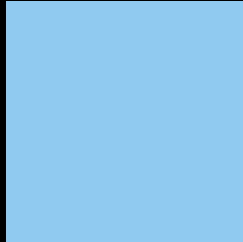
Large Text (above 18pt) WCAG AA × Fail

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 4287744753 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 4287744753 Background



This preview shows how black text looks on a background with the Android color 4287744753.



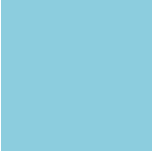
This preview shows how white text looks on a background with the Android color 4287744753.

# 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





**Tritanopia**  
4287417822

# Trichromacy



**Original Color**  
4287744753

**Protanomaly**  
4289381613

**Deuteranomaly**  
4289512434

**Tritanomaly**  
4287548645

# Monochromacy



**Original Color**  
4287744753

**Achromatopsia**  
4290624957

**Achromatomaly**  
4289577680

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287744753 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(145, 202, 241)` looks like.

```
.text, #text, p{  
    color:rgb(145, 202, 241)  
}
```

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(145, 202, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 202, 241) }
```

## Border

The CSS property to change the border of an element to Android 4287744753 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(145, 202, 241) }
```

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

```
.border{ border-color:rgb(145, 202, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 202, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 202, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 202, 241);  
box-shadow:4px 4px 4px 4px rgb(145, 202,  
241) }
```

# Background

The CSS property to change the background color of an element to Android 4287744753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 202, 241) }
```

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

```
.background{ background-color: rgb(145,  
202, 241) }
```

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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