

Converting Colors

Android(4287090157)

Have a look what the booklet for
Android(4287090157) contains.

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Color

Android(4287090157)

Conversions

Conversions Part 1

Format	Color
Hex	87CDED
RGB	135, 205, 237
RGB Percent	53%, 80%, 93%
CMY	0.4706, 0.1961, 0.0706
CMYK	0.43, 0.14, 0.00, 0.07
HSL	199°, 74%, 73%
HSV	199°, 43%, 93%
XYZ	47.1091, 54.9280, 88.2400
YIQ	187.7180, -51.9920, -4.8880

Conversions

Conversions Part 2

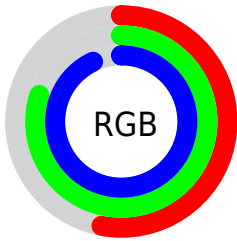
Format	Color
R _{YB}	135, 177, 237
Decimal	8900077
CIE _{Lab}	79.00, -13.79, -22.67
CIE _{LCh}	79, 26.536, 238.694
Y _{xy}	54.9280, 0.2476, 0.2887
Android (android.graphics.Color)	4287090157 (0xFF87CDED)
YUV	187.7180, 24.2960, -46.2337
Hunter-Lab	74.1134, -16.2376, -18.7118

Details

The Android color `4287090157` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4293764999`, and the grayscale version is `4290559164`.

A 20% lighter version of the original color is `4290838527`, and `4283340725` is the 20% darker color. If you saturate the color by 10%, you get `4285515501`, and if you desaturate by 10%, it is `4288664813`.

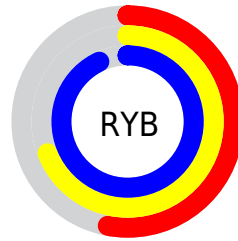
Distribution



Red (53%)

Green (80%)

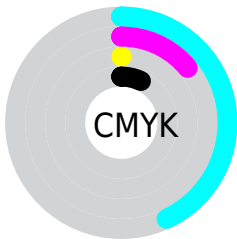
Blue (93%)



Red (53%)

Yellow (69%)

Blue (93%)

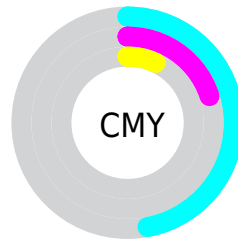


Cyan (43%)

Magenta (14%)

Yellow (0%)

Black (7%)



Cyan (47%)

Magenta (20%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287090157 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 4287090157 by changing the saturation by 10% instead.



4287090157



4287090157

4294967295



4285248209



4290838527



4283340725



4292739071



4281367962



4294705151



4278281344



4278209639



4278203727



4278198328



4278190627



4278190089

■ 4287090157

■ 4287090157

■ 4285515501

■ 4288664813

■ 4284006125

■ 4290174189

■ 4282431469

■ 4291748845

■ 4280856557

■ 4293323757

■ 4279281901

■ 4294832877

■ 4278232045

■ 4294965997

■ 4294967277

Harmonies

Analogous

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



4286370266



4287090157



4288988916

Triad

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



4287090157



4294161094



4290627992

Complementary

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



4287090157



4293764999

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.



4292330130



4287090157



4294357933

Square

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



4287090157



4293048030



4293638554



4288729001

Rectangle

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



4287090157



4290494962



4293638554



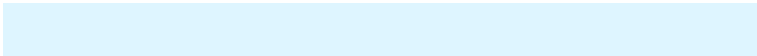
4291217301

Sweetspot

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



4287090157



4292802047



4287098278



4285233536



4278190080



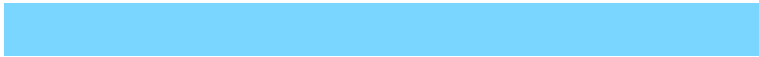
4286611584

Same Dimension

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



4287090157



4286240255



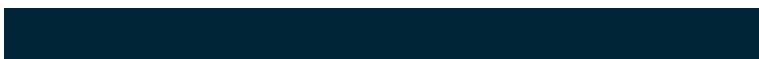
4287077357



4285166197



4278222005



4278199606

Inverse Universe

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



4293756877



4294933205



4293777799



4285885042



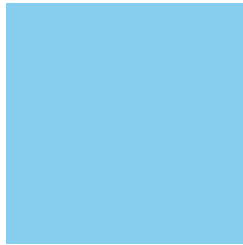
4290052220



4281729061

Previews

White Background



This preview shows how the Android color 4287090157 looks on a white background.

Color Contrast Check

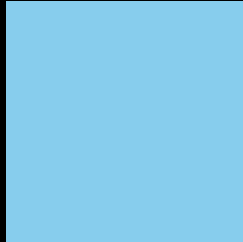
Large Text (above 18pt) WCAG AA × Fail

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 4287090157 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 4287090157 Background



This preview shows how black text looks on a background with the Android color 4287090157.

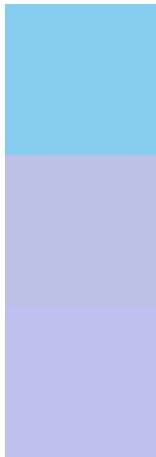


This preview shows how white text looks on a background with the Android color 4287090157.

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
4287090157

Protanopia
4290560485

Deuteranopia
4290756592

Trichromacy



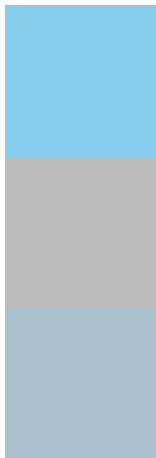
Original Color
4287090157

Protanomaly
4289316328

Deuteranomaly
4289447151

Tritanomaly
4286893797

Monochromacy



Original Color
4287090157

Achromatopsia
4290559164

Achromatomaly
4289315534

CSS Examples

Text

The CSS property to change the color of the text to Android 4287090157 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(135, 205, 237)` looks like.

```
.text, #text, p{  
    color:rgb(135, 205, 237)  
}
```

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(135, 205, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 205, 237) }
```

Border

The CSS property to change the border of an element to Android 4287090157 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(135, 205, 237) }
```

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

```
.border{ border-color:rgb(135, 205, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 205, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 205, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 205, 237);  
box-shadow:4px 4px 4px 4px rgb(135, 205,  
237) }
```

Background

The CSS property to change the background color of an element to Android 4287090157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 205, 237) }
```

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

```
.background{ background-color: rgb(135,  
205, 237) }
```

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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