

Converting Colors

Android(4286949865)

Have a look what the booklet for
Android(4286949865) contains.

Android(4286949865)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4286949865)

Conversions

Conversions Part 1

Format	Color
Hex	85A9E9
RGB	133, 169, 233
RGB Percent	52%, 66%, 91%
CMY	0.4784, 0.3373, 0.0863
CMYK	0.43, 0.27, 0.00, 0.09
HSL	218°, 69%, 72%
HSV	218°, 43%, 91%
XYZ	38.5688, 39.2457, 82.6332
YIQ	165.5320, -42.0000, 12.2720

Conversions

Conversions Part 2

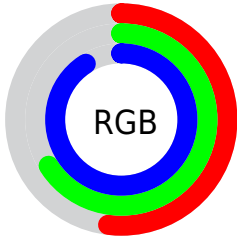
Format	Color
RYB	133, 159, 233
Decimal	8759785
CIELab	68.93, 4.10, -36.00
CIELCh	69, 36.233, 276.495
Yxy	39.2457, 0.2404, 0.2446
Android (android.graphics.Color)	4286949865 (0xFF85A9E9)
YUV	165.5320, 33.2617, -28.5306
Hunter-Lab	62.6464, 0.2640, -34.3535

Details

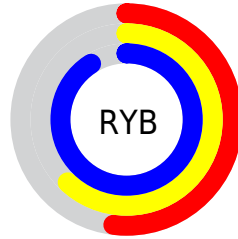
The Android color `4286949865` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4293510533`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4290699519`, and `4283266481` is the 20% darker color. If you saturate the color by 10%, you get `4285438697`, and if you desaturate by 10%, it is `4288461033`.

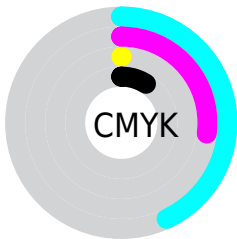
Distribution



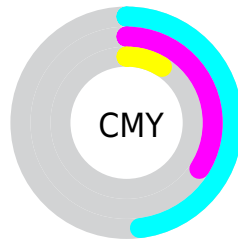
- Red (52%)
- Green (66%)
- Blue (91%)



- Red (52%)
- Yellow (62%)
- Blue (91%)



- Cyan (43%)
- Magenta (27%)
- Yellow (0%)
- Black (9%)



- Cyan (48%)
- Magenta (34%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286949865 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 4286949865 by changing the saturation by 10% instead.

 4286949865

 4286949865

4294967295

 4285108173

 4290699519

 4283266481

 4292541951

 4281359766

 4294508543

 4278666620

 4278202467

 4278197067

 4278191156

 4278190622

 4278190080

■ 4286949865

■ 4286949865

■ 4285438697

■ 4288461033

■ 4283861993

■ 4290037737

■ 4282350825

■ 4291548905

■ 4280839657

■ 4293060073

■ 4279262953

■ 4294636777

■ 4278211817

■ 4294967273

Harmonies

Analogous

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



4283282404



4286949865



4290092509

Triad

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



4286949865



4293235587



4285315213

Complementary

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



4286949865



4293510533

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.



4287935090



4286949865



4292124013

Square

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



4286949865



4293365666



4290226534



4282432174

Rectangle

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



4286949865



4291729101



4290226534



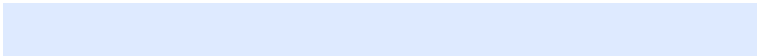
4286232195

Sweetspot

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



4286949865



4292799231



4286966212



4285231744



4278190080



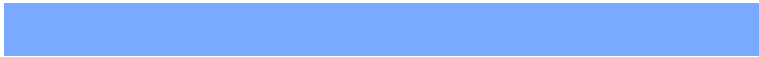
4286611584

Same Dimension

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



4286949865



4286229247



4287792617



4285165173



4278206901



4278194998

Inverse Universe

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



4293494185



4294933162



4292667781



4285885038



4290052161



4281729043

Previews

White Background



This preview shows how the Android color 4286949865 looks on a white background.

Color Contrast Check

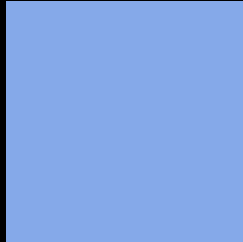
Large Text (above 18pt) WCAG AA × Fail

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 4286949865 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 4286949865 Background



This preview shows how black text looks on a background with the Android color 4286949865.



This preview shows how white text looks on a background with the Android color 4286949865.

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
4286949865

Protanopia
4287997414

Deuteranopia
4287735530

Trichromacy



Original Color
4286949865

Protanomaly
4287604455

Deuteranomaly
4287473642

Tritanomaly
4286492366

Monochromacy



Original Color
4286949865

Achromatopsia
4289111718

Achromatomaly
4288325566

CSS Examples

Text

The CSS property to change the color of the text to Android 4286949865 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(133, 169, 233)` looks like.

```
.text, #text, p{  
    color:rgb(133, 169, 233)  
}
```

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(133, 169, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 169, 233) }
```

Border

The CSS property to change the border of an element to Android 4286949865 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(133, 169, 233) }
```

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

```
.border{ border-color:rgb(133, 169, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 169, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 169, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 169, 233);  
box-shadow:4px 4px 4px 4px rgb(133, 169,  
233) }
```

Background

The CSS property to change the background color of an element to Android 4286949865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 169, 233) }
```

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

```
.background{ background-color: rgb(133,  
169, 233) }
```

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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