

Converting Colors

Android(4280452845)

Have a look what the booklet for
Android(4280452845) contains.

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Color

Android(4280452845)

Conversions

Conversions Part 1

Format	Color
Hex	2286ED
RGB	34, 134, 237
RGB Percent	13%, 53%, 93%
CMY	0.8667, 0.4745, 0.0706
CMYK	0.86, 0.43, 0.00, 0.07
HSL	210°, 85%, 53%
HSV	210°, 86%, 93%
XYZ	24.4708, 23.5047, 83.3679
YIQ	115.8420, -92.6630, 10.8330

Conversions

Conversions Part 2

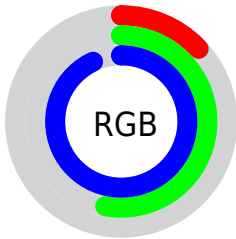
Format	Color
R_{YB}	34, 101, 237
Decimal	2262765
CIE _{Lab}	55.59, 9.51, -59.54
CIE _{LCh}	56, 60.295, 279.077
Y _{xy}	23.5047, 0.1863, 0.1790
Android (android.graphics.Color)	4280452845 (0xFF2286ED)
YUV	115.8420, 59.7309, -71.7754
Hunter-Lab	48.4816, 5.2540, -68.0165

Details

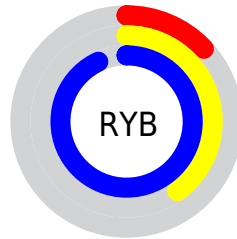
The Android color `4280452845` is a dark color, and the websafe version is hex `3399FF`. The color can be described as middle washed azure. A complement of this color would be `4293757218`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4285840383`, and `4278212020` is the 20% darker color. If you saturate the color by 10%, you get `4278876909`, and if you desaturate by 10%, it is `4282028781`.

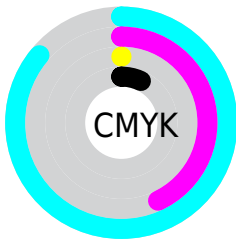
Distribution



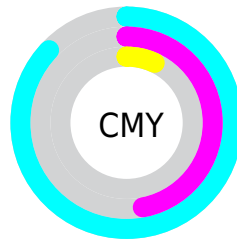
- Red (13%)
- Green (53%)
- Blue (93%)



- Red (13%)
- Yellow (40%)
- Blue (93%)



- Cyan (86%)
- Magenta (43%)
- Yellow (0%)
- Black (7%)



- Cyan (87%)
- Magenta (47%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280452845 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 4280452845 by changing the saturation by 10% instead.

 4280452845

 4280452845

4294967295

 4278218192

 4285840383

 4278212020

 4287944447

 4278206361

 4290048767

 4278200958

 4292083711

 4278196069

 4294115327

 4278192460

 4278191156

 4278190622

 4278190081

■ 4280452845

■ 4280452845

■ 4278876909

■ 4282028781

■ 4278220269

■ 4283539181

■ 4285115117

■ 4286691053

■ 4288201453

■ 4289777389

■ 4291353325

■ 4292929261

■ 4294439661

Harmonies

Analogous

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



4278228455



4280452845



4288377047

Triad

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



4280452845



4292501318



4278229854

Complementary

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



4280452845



4293757218

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.



4283929644



4280452845



4290540827

Square

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



4280452845



4293087607



4287662083



4278230676

Rectangle

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



4280452845



4290928828



4287662083



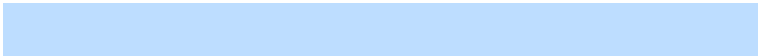
4278819148

Sweetspot

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



4280452845



4290633215



4280479112



4283984768



4278190080



4286611584

Same Dimension

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



4280452845



4278222591



4280427245



4285165429



4278213045



4278196790

Inverse Universe

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



4293730950



4294901886



4293782818



4285885039



4290052185



4281729050

Previews

White Background



This preview shows how the Android color 4280452845 looks on a white background.

Color Contrast Check

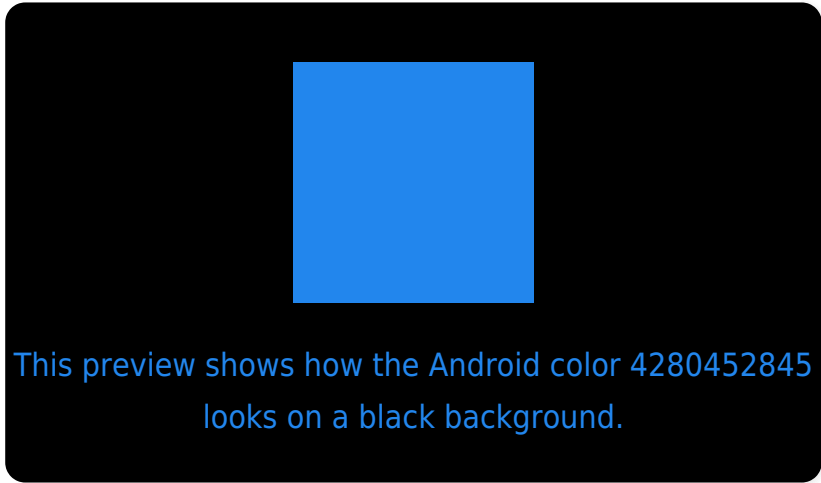
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

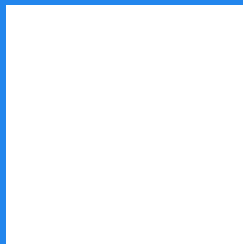
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280452845 Background



This preview shows how black text looks on a background with the Android color 4280452845.

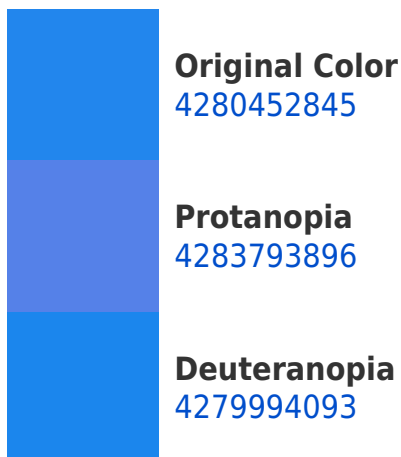


This preview shows how white text looks on a background with the Android color 4280452845.

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](#).

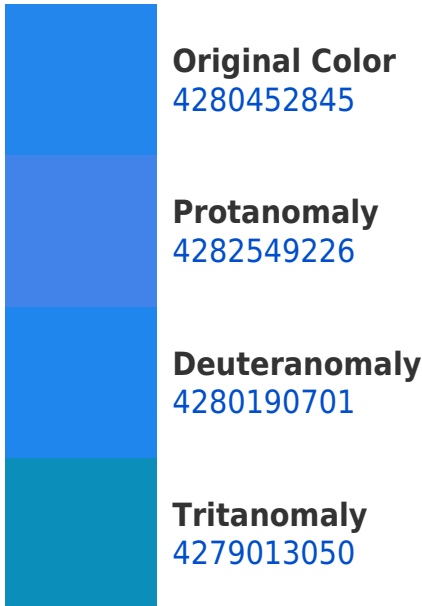
Dichromacy





Tritanopia
4278227869

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4280452845 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(34, 134, 237)` looks like.

```
.text, #text, p{  
    color:rgb(34, 134, 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(34, 134, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 134, 237) }
```

Border

The CSS property to change the border of an element to Android 4280452845 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(34, 134, 237) }
```

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

```
.border{ border-color:rgb(34, 134, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 134, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 134, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 134, 237);  
box-shadow:4px 4px 4px 4px rgb(34, 134,  
237) }
```

Background

The CSS property to change the background color of an element to Android 4280452845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 134, 237) }
```

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

```
.background{ background-color: rgb(34, 134,  
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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