

Converting Colors

Android(4281695965)

Have a look what the booklet for
Android(4281695965) contains.

Android(4281695965)	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(4281695965)

Conversions

Conversions Part 1

Format	Color
Hex	357EDD
RGB	53, 126, 221
RGB Percent	21%, 49%, 87%
CMY	0.7922, 0.5059, 0.1333
CMYK	0.76, 0.43, 0.00, 0.13
HSL	214°, 71%, 54%
HSV	214°, 76%, 87%
XYZ	21.9802, 20.8991, 71.2821
YIQ	115.0030, -74.0030, 14.0690

Conversions

Conversions Part 2

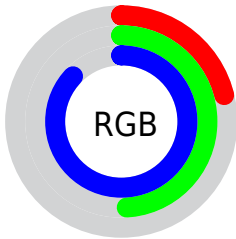
Format	Color
R _Y B	53, 104, 221
Decimal	3505885
CIE Lab	52.84, 10.18, -54.97
CIE LCh	53, 55.909, 280.495
Yxy	20.8991, 0.1925, 0.1831
Android (android.graphics.Color)	4281695965 (0xFF357EDD)
YUV	115.0030, 52.2565, -54.3766
Hunter-Lab	45.7155, 5.8215, -60.4473

Details

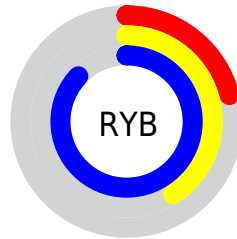
The Android color `4281695965` is a dark color, and the websafe version is hex `3399FF`. The color can be described as dark muted azure. A complement of this color would be `4292711477`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4286231295`, and `4278210213` is the 20% darker color. If you saturate the color by 10%, you get `4280251101`, and if you desaturate by 10%, it is `4283140829`.

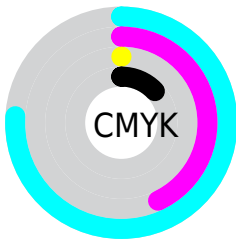
Distribution



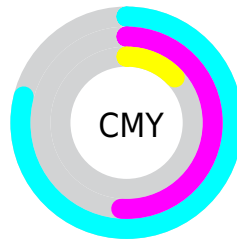
- Red (21%)
- Green (49%)
- Blue (87%)



- Red (21%)
- Yellow (41%)
- Blue (87%)



- Cyan (76%)
- Magenta (43%)
- Yellow (0%)
- Black (13%)



- Cyan (79%)
- Magenta (51%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281695965 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 4281695965 by changing the saturation by 10% instead.



4281695965



4281695965

4294967295



4278216129



4286231295



4278210213



4288269823



4278204554



4290243071



4278199408



4292280319



4278193751



4294246399



4278191679



4278190888



4278190354



4278190080

■ 4281695965

■ 4281695965

■ 4280251101

■ 4283140829

■ 4278805981

■ 4284585949

■ 4278214877

■ 4286030813

■ 4287475933

■ 4288986333

■ 4290431453

■ 4291876317

■ 4293321437

■ 4294766301

Harmonies

Analogous

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



4278226137



4281695965



4288047816

Triad

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



4281695965



4291583042



4278227804

Complementary

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



4281695965



4292711477

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.



4283600175



4281695965



4289753117

Square

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



4281695965



4292169583



4287070478



4278228366

Rectangle

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



4281695965



4290272430



4287070478



4278948172

Sweetspot

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



4281695965



4291092223



4281720209



4284246912



4278190080



4286611584

Same Dimension

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



4281695965



4279729407



4282201565



4284704622



4278209453



4278195246

Inverse Universe

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



4292687230



4294907772



4292205877



4285424487



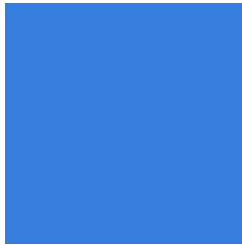
4289527883



4281204756

Previews

White Background



This preview shows how the Android color 4281695965 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



This preview shows how the Android color 4281695965 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 × Fail

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

Android 4281695965 Background



This preview shows how black text looks on a background with the Android color 4281695965.



This preview shows how white text looks on a background with the Android color 4281695965.

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4281695965 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(53, 126, 221)` looks like.

```
.text, #text, p{  
    color:rgb(53, 126, 221)  
}
```

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(53, 126, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 126, 221) }
```

Border

The CSS property to change the border of an element to Android 4281695965 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(53, 126, 221) }
```

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

```
.border{ border-color:rgb(53, 126, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 126, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 126, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 126, 221);  
box-shadow:4px 4px 4px 4px rgb(53, 126,  
221) }
```

Background

The CSS property to change the background color of an element to Android 4281695965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 126, 221) }
```

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

```
.background{ background-color: rgb(53, 126,  
221) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor