

Converting Colors

Android(4282353655)

Have a look what the booklet for
Android(4282353655) contains.

Android(4282353655)	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(4282353655)

Conversions

Conversions Part 1

Format	Color
Hex	3F87F7
RGB	63, 135, 247
RGB Percent	25%, 53%, 97%
CMY	0.7529, 0.4706, 0.0314
CMYK	0.74, 0.45, 0.00, 0.03
HSL	217°, 92%, 61%
HSV	217°, 74%, 97%
XYZ	27.5024, 25.1001, 91.3910
YIQ	126.2400, -78.8640, 19.5680

Conversions

Conversions Part 2

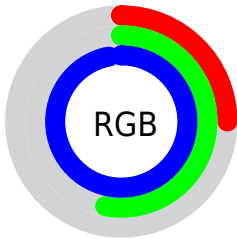
Format	Color
R _Y B	63, 115, 247
Decimal	4163575
CIE Lab	57.17, 15.31, -62.50
CIE LCh	57, 64.347, 283.764
Yxy	25.1001, 0.1910, 0.1743
Android (android.graphics.Color)	4282353655 (0xFF3F87F7)
YUV	126.2400, 59.5347, -55.4615
Hunter-Lab	50.1000, 10.3125, -73.0851

Details

The Android color `4282353655` is a dark color, and the websafe version is hex `6699FF`. The color can be described as middle washed azure. A complement of this color would be `4294422335`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4286954751`, and `4278212286` is the 20% darker color. If you saturate the color by 10%, you get `4280711415`, and if you desaturate by 10%, it is `4283995895`.

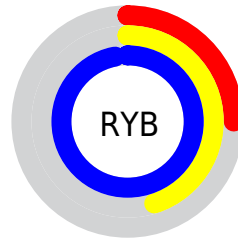
Distribution



Red (25%)

Green (53%)

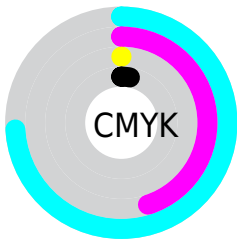
Blue (97%)



Red (25%)

Yellow (45%)

Blue (97%)

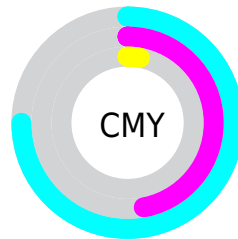


Cyan (74%)

Magenta (45%)

Yellow (0%)

Black (3%)



Cyan (75%)

Magenta (47%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282353655 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 4282353655 by changing the saturation by 10% instead.

 4282353655

 4282353655

4294967295

 4278218458

 4286954751

 4278212286

 4289058815

 4278206626

 4291097599

 4278201223

 4293132287

 4278196589

 4278192468

 4278191676

 4278190629

 4278190350

■ 4282353655

■ 4282353655

■ 4280711415

■ 4283995895

■ 4279134711

■ 4285572599

■ 4278215159

■ 4287214839

■ 4288857079

■ 4290499319

■ 4292076023

■ 4293718263

■ 4294967287

Harmonies

Analogous

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



4278229237



4282353655



4289490651

Triad

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



4282353655



4292895549



4278231400

Complementary

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



4282353655



4294422335

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.



4283145008



4282353655



4290607881

Square

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



4282353655



4293808242



4287401728



4278231970

Rectangle

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



4282353655



4291976636



4287401728



4278231125

Sweetspot

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



4282353655



4291288575



4282382253



4284377984



4278190080



4286611584

Same Dimension

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



4282353655



4280055295



4283514871



4285428602



4278208954



4278196027

Inverse Universe

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



4294393735



4294909045



4293261119



4286213747



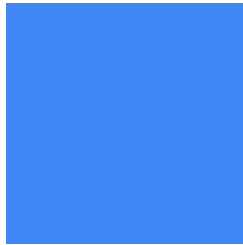
4290379849



4282056727

Previews

White Background



This preview shows how the Android color 4282353655 looks on a white background.

Color Contrast Check

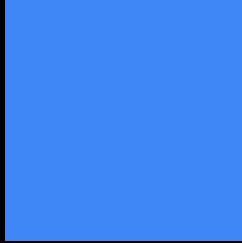
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282353655 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

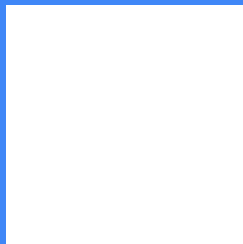
Any Text WCAG AAA × Fail

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

Android 4282353655 Background



This preview shows how black text looks on a background with the Android color 4282353655.

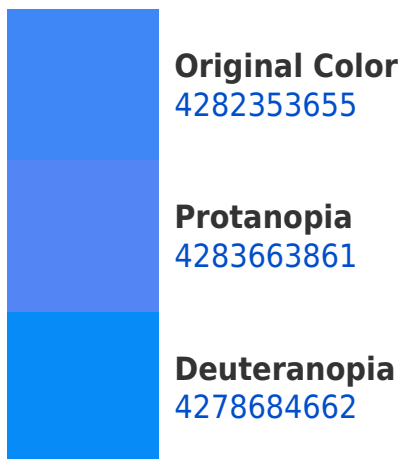


This preview shows how white text looks on a background with the Android color 4282353655.

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



Original Color

4282353655

Protanomaly

4283205366

Deuteranomaly

4279995126

Tritanomaly

4279734722

Monochromacy



Original Color

4282353655

Achromatopsia

4286479998

Achromatomaly

4284973482

CSS Examples

Text

The CSS property to change the color of the text to Android 4282353655 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(63, 135, 247)` looks like.

```
.text, #text, p{  
    color:rgb(63, 135, 247)  
}
```

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(63, 135, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 135, 247) }
```

Border

The CSS property to change the border of an element to Android 4282353655 is called "border". The border property can be set on classes, ids or directly on the HTML element.

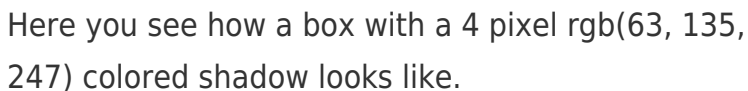
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(63, 135, 247) }
```

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

```
.border{ border-color:rgb(63, 135, 247) }
```

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



Here you see how a box with a 4 pixel `rgb(63, 135, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(63, 135, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(63, 135, 247); box-shadow:4px 4px 4px 4px rgb(63, 135, 247) }
```

Background

The CSS property to change the background color of an element to Android 4282353655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 135, 247) }
```

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

```
.background{ background-color: rgb(63, 135,  
247) }
```

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