

Converting Colors

Android(4283663603)

Have a look what the booklet for
Android(4283663603) contains.

Android(4283663603)	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(4283663603)

Conversions

Conversions Part 1

Format	Color
Hex	5384F3
RGB	83, 132, 243
RGB Percent	33%, 52%, 95%
CMY	0.6745, 0.4824, 0.0471
CMYK	0.66, 0.46, 0.00, 0.05
HSL	222°, 87%, 64%
HSV	222°, 66%, 95%
XYZ	27.9962, 24.8126, 88.1078
YIQ	130.0030, -64.8350, 24.1330

Conversions

Conversions Part 2

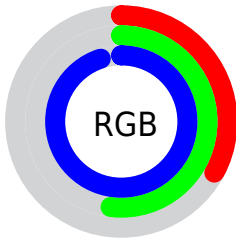
Format	Color
R _{YB}	83, 121, 243
Decimal	5473523
CIE _{Lab}	56.89, 18.49, -60.70
CIE _{LCh}	57, 63.449, 286.939
Y _{xy}	24.8126, 0.1987, 0.1761
Android (android.graphics.Color)	4283663603 (0xFF5384F3)
YUV	130.0030, 55.7075, -41.2216
Hunter-Lab	49.8122, 13.1518, -70.0034

Details

The Android color `4283663603` is a light color, and the websafe version is hex `6699FF`. The color can be described as light muted azure. A complement of this color would be `4294165075`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4287871487`, and `4278211514` is the 20% darker color. If you saturate the color by 10%, you get `4282086387`, and if you desaturate by 10%, it is `4285240819`.

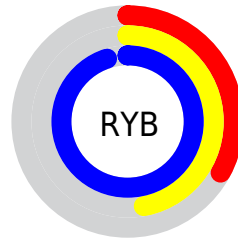
Distribution



Red (33%)

Green (52%)

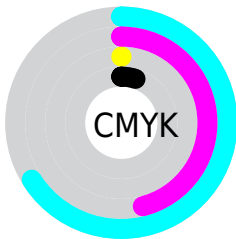
Blue (95%)



Red (33%)

Yellow (47%)

Blue (95%)

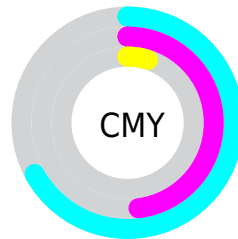


Cyan (66%)

Magenta (46%)

Yellow (0%)

Black (5%)



Cyan (67%)

Magenta (48%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283663603 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 4283663603 by changing the saturation by 10% instead.

 4283663603

 4283663603

4294967295

 4281101270

 4287871487

 4278211514

 4289844479

 4278205855

 4291883263

 4278200452

 4293853183

 4278195818

 4278191953

 4278191417

 4278190626

 4278190089

■ 4283663603

■ 4283663603

■ 4282086387

■ 4285240819

■ 4280443635

■ 4286883571

■ 4278866419

■ 4288460787

■ 4278209267

■ 4290037747

■ 4291614963

■ 4293257715

■ 4294834931

■ 4294967283

Harmonies

Analogous

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



4278228724



4283663603



4289883093

Triad

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



4283663603



4292568633



4278231406

Complementary

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



4283663603



4294165075

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.



4282555191



4283663603



4290215174

Square

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



4283663603



4293612140



4287008512



4278231719

Rectangle

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



4283663603



4292107189



4287008512



4278230875

Sweetspot

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



4283663603



4291615999



4283691968



4284574336



4278190080



4286611584

Same Dimension

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



4283663603



4281758719



4285551603



4285428346



4278204858



4278194747

Inverse Universe

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



4294136708



4294915699



4292277075



4286213746



4290379833



4282056722

Previews

White Background



This preview shows how the Android color 4283663603 looks on a white background.

Color Contrast Check

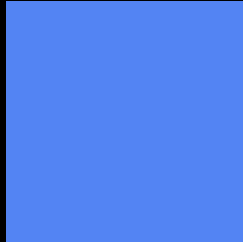
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283663603 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 4283663603 Background



This preview shows how black text looks on a background with the Android color 4283663603.



This preview shows how white text looks on a background with the Android color 4283663603.

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
4283663603

Protanopia
4283663603

Deuteranopia
4280584946



Trichromacy



Original Color
4283663603

Protanomaly
4283663603

Deuteranomaly
4281698546

Tritanomaly
4281372607

Monochromacy



Original Color
4283663603

Achromatopsia
4286743170

Achromatomaly
4285629355

CSS Examples

Text

The CSS property to change the color of the text to Android 4283663603 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(83, 132, 243)` looks like.

```
.text, #text, p{  
    color:rgb(83, 132, 243)  
}
```

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(83, 132, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 132, 243) }
```

Border

The CSS property to change the border of an element to Android 4283663603 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(83, 132, 243) }
```

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

```
.border{ border-color:rgb(83, 132, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 132, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 132, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 132, 243);  
box-shadow:4px 4px 4px 4px rgb(83, 132,  
243) }
```

Background

The CSS property to change the background color of an element to Android 4283663603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 132, 243) }
```

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

```
.background{ background-color: rgb(83, 132,  
243) }
```

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