

Converting Colors

Android(4283793104)

Have a look what the booklet for
Android(4283793104) contains.

Android(4283793104)	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(4283793104)

Conversions

Conversions Part 1

Format	Color
Hex	557ED0
RGB	85, 126, 208
RGB Percent	33%, 49%, 82%
CMY	0.6667, 0.5059, 0.1843
CMYK	0.59, 0.39, 0.00, 0.18
HSL	220°, 57%, 57%
HSV	220°, 59%, 82%
XYZ	22.5923, 21.4071, 62.6157
YIQ	123.0890, -50.7580, 16.8100

Conversions

Conversions Part 2

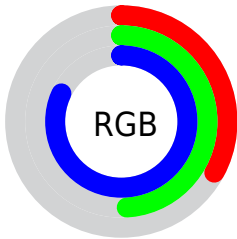
Format	Color
R _Y B	85, 116, 208
Decimal	5603024
CIE Lab	53.39, 10.62, -46.68
CIE LCh	53, 47.869, 282.820
Yxy	21.4071, 0.2119, 0.2008
Android (android.graphics.Color)	4283793104 (0xFF557ED0)
YUV	123.0890, 41.8611, -33.4041
Hunter-Lab	46.2678, 6.1921, -47.8517

Details

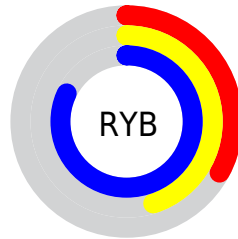
The Android color `4283793104` is a dark color, and the websafe version is hex `6699FF`. The color can be described as middle muted azure. A complement of this color would be `4291864405`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4287607551`, and `4278406809` is the 20% darker color. If you saturate the color by 10%, you get `4282413264`, and if you desaturate by 10%, it is `4285172944`.

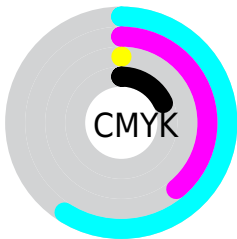
Distribution



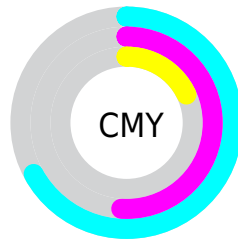
- Red (33%)
- Green (49%)
- Blue (82%)



- Red (33%)
- Yellow (45%)
- Blue (82%)



- Cyan (59%)
- Magenta (39%)
- Yellow (0%)
- Black (18%)



- Cyan (67%)
- Magenta (51%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283793104 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 4283793104 by changing the saturation by 10% instead.

 4283793104

 4283793104

4294967295


 4281689524

 4287607551

 4278406809

 4289515263

 4278204287

 4291488511

 4278199141

 4293394431

 4278193485

 4278191413

 4278190623

 4278190082

 4278190080

■ 4283793104

■ 4283793104

■ 4282413264

■ 4285172944

■ 4281033424

■ 4286552784

■ 4279719120

■ 4287867088

■ 4278339536

■ 4289246672

■ 4278207952

■ 4290626512

■ 4292006352

■ 4293386192

■ 4294700496

■ 4294966224

Harmonies

Analogous

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



4278225870



4283793104



4288245180

Triad

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



4283793104



4290995529



4278227558

Complementary

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



4283793104



4291864405

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.



4283993408



4283793104



4289361198

Square

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



4283793104



4291582831



4286939945



4278228113

Rectangle

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



4283793104



4290077606



4286939945



4280979800

Sweetspot

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



4283793104



4291944703



4283814055



4284706176



4278190080



4286611584

Same Dimension

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



4283793104



4283074303



4285093328



4284375657



4278204584



4278193705

Inverse Universe

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



4291843454



4294920838



4290564181



4285095522



4289200184



4280877070

Previews

White Background



This preview shows how the Android color 4283793104 looks on a white background.

Color Contrast Check

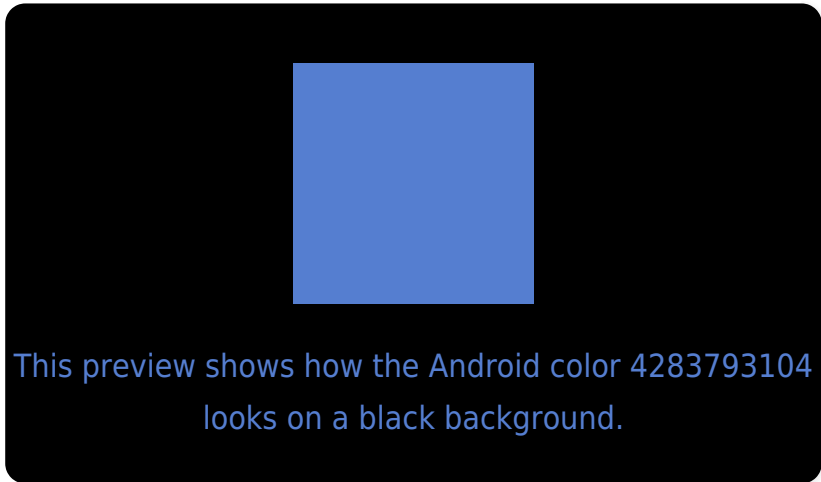
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283793104 Background



This preview shows how black text looks on a background with the Android color 4283793104.

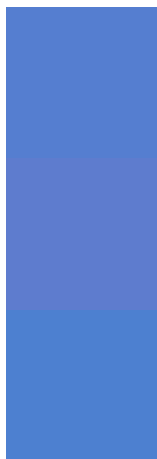


This preview shows how white text looks on a background with the Android color 4283793104.

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

4283793104

Protanopia

4284382414

Deuteranopia

4283269328

Trichromacy



Original Color
4283793104

Protanomaly
4284186063

Deuteranomaly
4283465680

Tritanomaly
4282746539

Monochromacy



Original Color
4283793104

Achromatopsia
4286282619

Achromatomaly
4285365402

CSS Examples

Text

The CSS property to change the color of the text to Android 4283793104 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(85, 126, 208)` looks like.

```
.text, #text, p{  
    color:rgb(85, 126, 208)  
}
```

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(85, 126, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 126, 208) }
```

Border

The CSS property to change the border of an element to Android 4283793104 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(85, 126, 208) }
```

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

```
.border{ border-color:rgb(85, 126, 208) }
```

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

Here you see how a box with a 4 pixel rgb(85, 126, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 126, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 126, 208);  
box-shadow:4px 4px 4px 4px rgb(85, 126,  
208) }
```

Background

The CSS property to change the background color of an element to Android 4283793104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 126, 208) }
```

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

```
.background{ background-color: rgb(85, 126,  
208) }
```

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