

Converting Colors

Android(4282694104)

Have a look what the booklet for
Android(4282694104) contains.

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Color

Android(4282694104)

Conversions

Conversions Part 1

Format	Color
Hex	44B9D8
RGB	68, 185, 216
RGB Percent	27%, 73%, 85%
CMY	0.7333, 0.2745, 0.1529
CMYK	0.69, 0.14, 0.00, 0.15
HSL	193°, 65%, 56%
HSV	193°, 69%, 85%
XYZ	32.1275, 40.8847, 71.1640
YIQ	153.5510, -79.6830, -15.1630

Conversions

Conversions Part 2

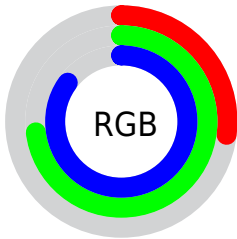
Format	Color
R _Y B	68, 133, 216
Decimal	4504024
CIE Lab	70.10, -22.80, -25.13
CIE LCh	70, 33.930, 227.775
Yxy	40.8847, 0.2228, 0.2836
Android (android.graphics.Color)	4282694104 (0xFF44B9D8)
YUV	153.5510, 30.7874, -75.0282
Hunter-Lab	63.9412, -22.2089, -21.2286

Details

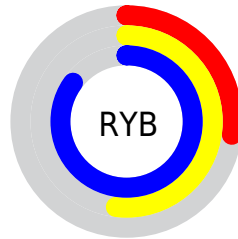
The Android color `4282694104` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light muted azure. A complement of this color would be `4292371268`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4286968319`, and `4278224033` is the 20% darker color. If you saturate the color by 10%, you get `4281251032`, and if you desaturate by 10%, it is `4284137176`.

Distribution



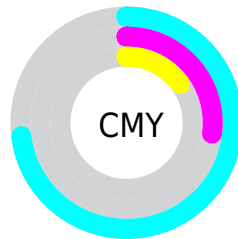
- Red (27%)
- Green (73%)
- Blue (85%)



- Red (27%)
- Yellow (52%)
- Blue (85%)



- Cyan (69%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (73%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282694104 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 4282694104 by changing the saturation by 10% instead.

 4282694104

 4282694104

4294967295

 4279606972

 4286968319

 4278224033

 4288937983

 4278217351

 4290904063

 4278211181

 4292935679

 4278205269

4294901759

 4278199614

 4278190888

 4278190354

 4278190080

■ 4282694104

■ 4282694104

■ 4281251032

■ 4284137176

■ 4279873752

■ 4285514456

■ 4278430680

■ 4286957528

■ 4278234072

■ 4288334808

■ 4289777880

■ 4291220696

■ 4292598232

■ 4294041048

■ 4294959832

Harmonies

Analogous

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



4282694845



4282694104



4285379303

Triad

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



4282694104



4292908473



4289638256

Complementary

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



4282694104



4292371268

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.



4291601775



4282694104



4293432474

Square

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



4282694104



4291206613



4292975487



4287346561

Rectangle

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



4282694104



4287540456



4292975487



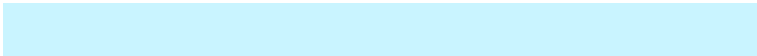
4290292846

Sweetspot

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



4282694104



4291425535



4282701922



4284512640



4278190080



4286611584

Same Dimension

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



4282694104



4281259007



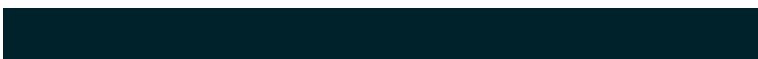
4282675416



4284508523



4278224811



4278198827

Inverse Universe

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



4292363449



4294913747



4292389956



4285227113



4289396871



4281008162

Previews

White Background



This preview shows how the Android color 4282694104 looks on a white background.

Color Contrast Check

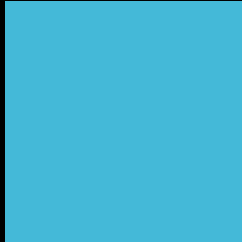
Large Text (above 18pt) WCAG AA × Fail

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 4282694104 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 ✓ Pass

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

Android 4282694104 Background



This preview shows how black text looks on a background with the Android color 4282694104.



This preview shows how white text looks on a background with the Android color 4282694104.

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

4282694104



Protanomaly

4286623697



Deuteranomaly

4286557915



Tritanomaly

4282366671

Monochromacy



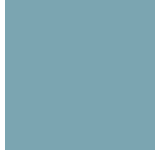
Original Color

4282694104



Achromatopsia

4288322202



Achromatomaly

4286293425

CSS Examples

Text

The CSS property to change the color of the text to Android 4282694104 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(68, 185, 216)` looks like.

```
.text, #text, p{  
    color:rgb(68, 185, 216)  
}
```

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(68, 185, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 185, 216) }
```

Border

The CSS property to change the border of an element to Android 4282694104 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(68, 185, 216) }
```

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

```
.border{ border-color:rgb(68, 185, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 185, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 185, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 185, 216);  
box-shadow:4px 4px 4px 4px rgb(68, 185,  
216) }
```

Background

The CSS property to change the background color of an element to Android 4282694104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 185, 216) }
```

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

```
.background{ background-color: rgb(68, 185,  
216) }
```

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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