

Converting Colors

Android(4282821608)

Have a look what the booklet for
Android(4282821608) contains.

Android(4282821608)	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(4282821608)

Conversions

Conversions Part 1

Format	Color
Hex	46ABE8
RGB	70, 171, 232
RGB Percent	27%, 67%, 91%
CMY	0.7255, 0.3294, 0.0902
CMYK	0.70, 0.26, 0.00, 0.09
HSL	203°, 78%, 59%
HSV	203°, 70%, 91%
XYZ	31.6542, 36.2541, 81.6733
YIQ	147.7550, -79.7770, -2.4410

Conversions

Conversions Part 2

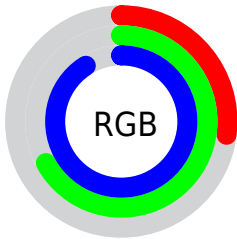
Format	Color
RYB	70, 132, 232
Decimal	4631528
CIELab	66.71, -9.95, -39.11
CIELCh	67, 40.355, 255.731
Yxy	36.2541, 0.2116, 0.2424
Android (android.graphics.Color)	4282821608 (0xFF46ABE8)
YUV	147.7550, 41.5328, -68.1911
Hunter-Lab	60.2114, -11.5293, -38.2755

Details

The Android color `4282821608` is a light color, and the websafe version is hex `3399CC`. The color can be described as light muted azure. A complement of this color would be `4293428038`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4287161087`, and `4278220720` is the 20% darker color. If you saturate the color by 10%, you get `4281311976`, and if you desaturate by 10%, it is `4284331240`.

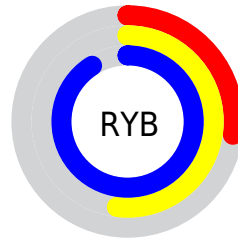
Distribution



Red (27%)

Green (67%)

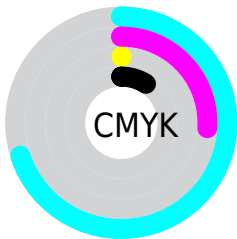
Blue (91%)



Red (27%)

Yellow (52%)

Blue (91%)

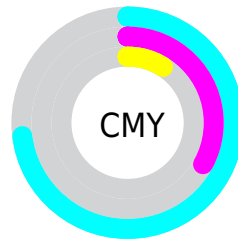


Cyan (70%)

Magenta (26%)

Yellow (0%)

Black (9%)



Cyan (73%)

Magenta (33%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282821608 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 4282821608 by changing the saturation by 10% instead.

 4282821608

 4282821608

4294967295


 4279669196

 4287161087

 4278220720

 4289134591

 4278214293

 4291166207

 4278208379

 4293132287

 4278202722

 4278197578

 4278191155

 4278190621

 4278190080

■ 4282821608

■ 4282821608

■ 4281311976

■ 4284331240

■ 4279802600

■ 4285840616

■ 4278227432

■ 4287415784

■ 4288925416

■ 4290435048

■ 4291944424

■ 4293454056

■ 4294963688

■ 4294965992

Harmonies

Analogous

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



4278235861



4282821608



4287340520

Triad

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



4282821608



4293428880



4286492526

Complementary

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



4282821608



4293428038

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.



4289111643



4282821608



4292906608

Square

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



4282821608



4292773813



4291336796



4283217039

Rectangle

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



4282821608



4289697501



4291336796



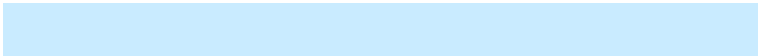
4287409510

Sweetspot

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



4282821608



4291423231



4282837121



4284511104



4278190080



4286611584

Same Dimension

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



4282821608



4280921855



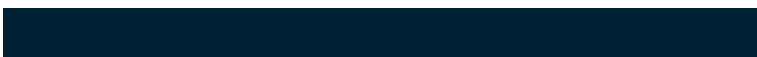
4282801384



4284968563



4278218675



4278198323

Inverse Universe

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



4293412523



4294912430



4293448262



4285753198



4289921135



4281532448

Previews

White Background



This preview shows how the Android color 4282821608 looks on a white background.

Color Contrast Check

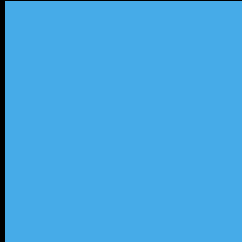
Large Text (above 18pt) WCAG AA × Fail

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 4282821608 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

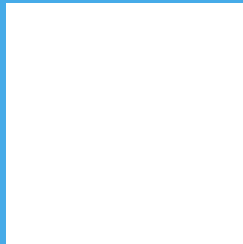
Any Text WCAG AAA ✓ Pass

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

Android 4282821608 Background



This preview shows how black text looks on a background with the Android color 4282821608.



This preview shows how white text looks on a background with the Android color 4282821608.

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



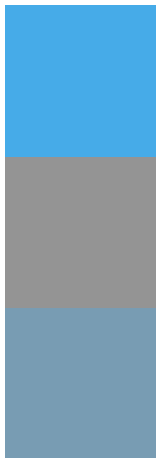
Original Color
4282821608

Protanomaly
4285834210

Deuteranomaly
4285375722

Tritanomaly
4281642959

Monochromacy



Original Color
4282821608

Achromatopsia
4287927444

Achromatomaly
4286094515

CSS Examples

Text

The CSS property to change the color of the text to Android 4282821608 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(70, 171, 232)` looks like.

```
.text, #text, p{  
    color:rgb(70, 171, 232)  
}
```

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(70, 171, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 171, 232) }
```

Border

The CSS property to change the border of an element to Android 4282821608 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(70, 171, 232) }
```

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

```
.border{ border-color:rgb(70, 171, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 171, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 171, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 171, 232);  
box-shadow:4px 4px 4px 4px rgb(70, 171,  
232) }
```

Background

The CSS property to change the background color of an element to Android 4282821608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 171, 232) }
```

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

```
.background{ background-color: rgb(70, 171,  
232) }
```

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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