

Converting Colors

Android(4282946288)

Have a look what the booklet for
Android(4282946288) contains.

Android(4282946288)	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(4282946288)

Conversions

Conversions Part 1

Format	Color
Hex	4892F0
RGB	72, 146, 240
RGB Percent	28%, 57%, 94%
CMY	0.7176, 0.4275, 0.0588
CMYK	0.70, 0.39, 0.00, 0.06
HSL	214°, 85%, 61%
HSV	214°, 70%, 94%
XYZ	28.6795, 28.2268, 86.3748
YIQ	134.5900, -74.2780, 13.5460

Conversions

Conversions Part 2

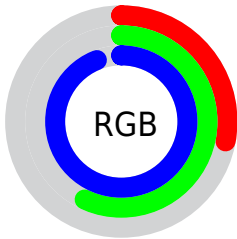
Format	Color
RYB	72, 123, 240
Decimal	4756208
CIELab	60.09, 7.38, -53.95
CIELCh	60, 54.449, 277.785
Yxy	28.2268, 0.2002, 0.1970
Android (android.graphics.Color)	4282946288 (0xFF4892F0)
YUV	134.5900, 51.9671, -54.8914
Hunter-Lab	53.1289, 3.3808, -59.2011

Details

The Android color `4282946288` is a light color, and the websafe version is hex `3399FF`. The color can be described as light washed azure. A complement of this color would be `4293961288`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4287285247`, and `4278214839` is the 20% darker color. If you saturate the color by 10%, you get `4281370096`, and if you desaturate by 10%, it is `4284522480`.

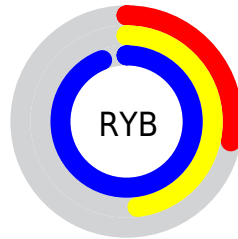
Distribution



Red (28%)

Green (57%)

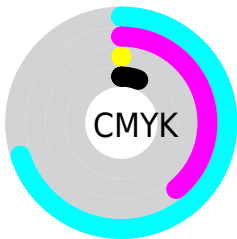
Blue (94%)



Red (28%)

Yellow (48%)

Blue (94%)

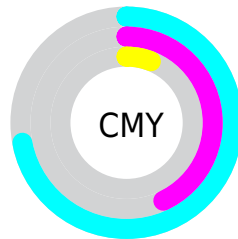


Cyan (70%)

Magenta (39%)

Yellow (0%)

Black (6%)



Cyan (72%)

Magenta (43%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282946288 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 4282946288 by changing the saturation by 10% instead.

 4282946288

 4282946288

4294967295


 4279859667

 4287285247

 4278214839

 4289324031

 4278208924

 4291297279

 4278203265

 4293328895

 4278198376

 4278191439

 4278191415

 4278190625

 4278190086

■ 4282946288

■ 4282946288

■ 4281370096

■ 4284522480

■ 4279793648

■ 4286098928

■ 4278217456

■ 4287675120

■ 4289251568

■ 4290827760

■ 4292404208

■ 4293980400

■ 4294966768

■ 4294967280

Harmonies

Analogous

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



4278231273



4282946288



4288970717

Triad

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



4282946288



4293029721



4278494827

Complementary

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



4282946288



4293961288

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.



4285308736



4282946288



4291264821

Square

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



4282946288



4293420422



4288647722



4278233244

Rectangle

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



4282946288



4291326661



4288647722



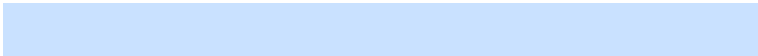
4282164315

Sweetspot

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



4282946288



4291420671



4282970276



4284509824



4278190080



4286611584

Same Dimension

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



4282946288



4280911871



4283451632



4285297016



4278211000



4278196536

Inverse Universe

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



4293937298



4294912391



4293455944



4286082161



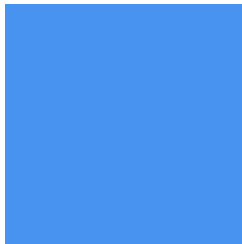
4290248785



4281860121

Previews

White Background



This preview shows how the Android color 4282946288 looks on a white background.

Color Contrast Check

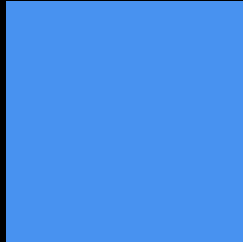
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282946288 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

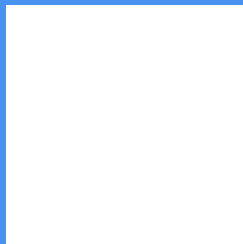
Any Text WCAG AAA × Fail

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

Android 4282946288 Background



This preview shows how black text looks on a background with the Android color 4282946288.



This preview shows how white text looks on a background with the Android color 4282946288.

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
4282946288

Protanomaly
4284387309

Deuteranomaly
4283208176

Tritanomaly
4279933893

Monochromacy



Original Color
4282946288

Achromatopsia
4287072135

Achromatomaly
4285565869

CSS Examples

Text

The CSS property to change the color of the text to Android 4282946288 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(72, 146, 240)` looks like.

```
.text, #text, p{  
    color:rgb(72, 146, 240)  
}
```

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(72, 146, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 146, 240) }
```

Border

The CSS property to change the border of an element to Android 4282946288 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(72, 146, 240) }
```

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

```
.border{ border-color:rgb(72, 146, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 146, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 146, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 146, 240);  
box-shadow:4px 4px 4px 4px rgb(72, 146,  
240) }
```

Background

The CSS property to change the background color of an element to Android 4282946288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 146, 240) }
```

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

```
.background{ background-color: rgb(72, 146,  
240) }
```

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