

Converting Colors

Android(4282762474)

Have a look what the booklet for
Android(4282762474) contains.

Android(4282762474)	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(4282762474)

Conversions

Conversions Part 1

Format	Color
Hex	45C4EA
RGB	69, 196, 234
RGB Percent	27%, 77%, 92%
CMY	0.7294, 0.2314, 0.0824
CMYK	0.71, 0.16, 0.00, 0.08
HSL	194°, 80%, 59%
HSV	194°, 71%, 92%
XYZ	37.0455, 46.6856, 84.9006
YIQ	162.3590, -87.8900, -15.1060

Conversions

Conversions Part 2

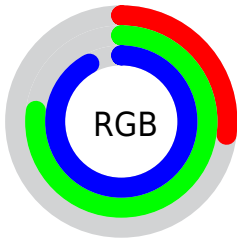
Format	Color
RYB	69, 141, 234
Decimal	4572394
CIELab	73.99, -22.65, -28.93
CIELCh	74, 36.741, 231.945
Yxy	46.6856, 0.2197, 0.2768
Android (android.graphics.Color)	4282762474 (0xFF45C4EA)
YUV	162.3590, 35.3190, -81.8758
Hunter-Lab	68.3268, -22.7928, -25.8430

Details

The Android color `4282762474` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light muted cyan. A complement of this color would be `4293552965`, and the grayscale version is `4288848546`.

A 20% lighter version of the original color is `4287167999`, and `4278226610` is the 20% darker color. If you saturate the color by 10%, you get `4281253866`, and if you desaturate by 10%, it is `4284271082`.

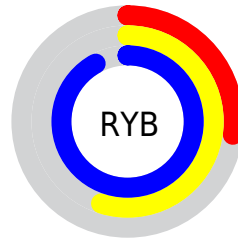
Distribution



Red (27%)

Green (77%)

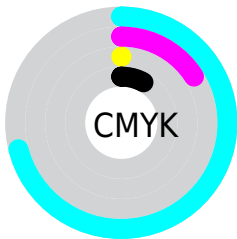
Blue (92%)



Red (27%)

Yellow (55%)

Blue (92%)

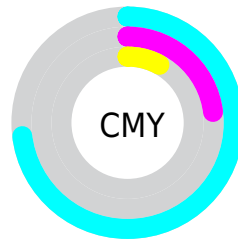


Cyan (71%)

Magenta (16%)

Yellow (0%)

Black (8%)



Cyan (73%)

Magenta (23%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282762474 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 4282762474 by changing the saturation by 10% instead.



4282762474



4282762474

4294967295



4279151054



4287167999



4278226610



4289265663



4278219927



4291231743



4278213757



4293263359



4278207588



4278201676



4278196533



4278190624



4278190083

■ 4282762474

■ 4282762474

■ 4281253866

■ 4284271082

■ 4279679466

■ 4285845482

■ 4278236394

■ 4287354090

■ 4288928490

■ 4290437098

■ 4291945706

■ 4293520106

■ 4294963178

■ 4294964714

Harmonies

Analogous

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



4282239182



4282762474



4286102776

Triad

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



4282762474



4294090176



4289969014

Complementary

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



4282762474



4293552965

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.



4292194675



4282762474



4294483358

Square

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



4282762474



4292388320



4293764482



4287415179

Rectangle

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



4282762474



4288460280



4293764482



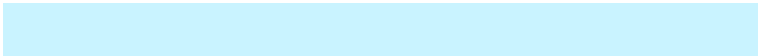
4290754675

Sweetspot

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



4282762474



4291425279



4282772073



4284512384



4278190080



4286611584

Same Dimension

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



4282762474



4280733183



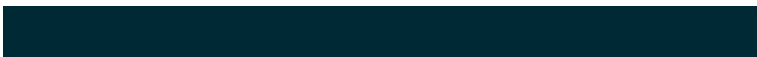
4282741994



4285166453



4278225845



4278200630

Inverse Universe

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



4293543364



4294911693



4293573445



4285885043



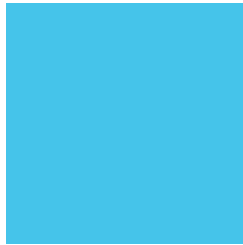
4290052235



4281729065

Previews

White Background



This preview shows how the Android color 4282762474 looks on a white background.

Color Contrast Check

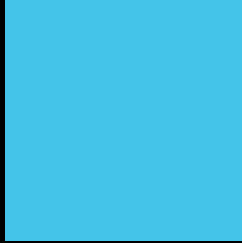
Large Text (above 18pt) WCAG AA × Fail

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 4282762474 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 4282762474 Background



This preview shows how black text looks on a background with the Android color 4282762474.



This preview shows how white text looks on a background with the Android color 4282762474.

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



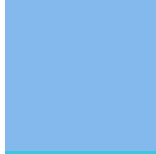
Original Color

4282762474



Protanomaly

4287019490



Deuteranomaly

4286822893



Tritanomaly

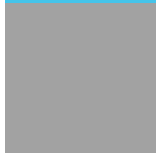
4282238686

Monochromacy



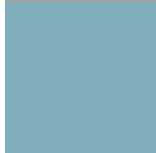
Original Color

4282762474



Achromatopsia

4288848546



Achromatomaly

4286623420

CSS Examples

Text

The CSS property to change the color of the text to Android 4282762474 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(69, 196, 234)` looks like.

```
.text, #text, p{  
    color:rgb(69, 196, 234)  
}
```

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(69, 196, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 196, 234) }
```

Border

The CSS property to change the border of an element to Android 4282762474 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(69, 196, 234) }
```

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

```
.border{ border-color:rgb(69, 196, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 196, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 196, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 196, 234);  
box-shadow:4px 4px 4px 4px rgb(69, 196,  
234) }
```

Background

The CSS property to change the background color of an element to Android 4282762474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 196, 234) }
```

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

```
.background{ background-color: rgb(69, 196,  
234) }
```

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