

Converting Colors

Android(4282305008)

Have a look what the booklet for
Android(4282305008) contains.

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Color

Android(4282305008)

Conversions

Conversions Part 1

Format	Color
Hex	3EC9F0
RGB	62, 201, 240
RGB Percent	24%, 79%, 94%
CMY	0.7569, 0.2118, 0.0588
CMYK	0.74, 0.16, 0.00, 0.06
HSL	193°, 86%, 59%
HSV	193°, 74%, 94%
XYZ	38.6014, 49.0887, 89.8786
YIQ	163.8850, -95.3630, -17.3390

Conversions

Conversions Part 2

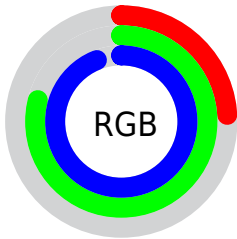
Format	Color
R _Y B	62, 140, 240
Decimal	4114928
CIE Lab	75.51, -24.15, -29.84
CIE LCh	76, 38.390, 231.020
Yxy	49.0887, 0.2174, 0.2764
Android (android.graphics.Color)	4282305008 (0xFF3EC9F0)
YUV	163.8850, 37.5247, -89.3531
Hunter-Lab	70.0633, -24.2661, -27.0141

Details

The Android color `4282305008` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light washed cyan. A complement of this color would be `4293944638`, and the grayscale version is `4288980132`.

A 20% lighter version of the original color is `4286971903`, and `4278227896` is the 20% darker color. If you saturate the color by 10%, you get `4280730864`, and if you desaturate by 10%, it is `4283879152`.

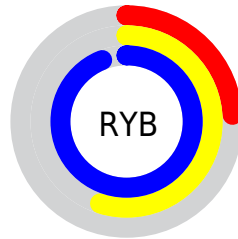
Distribution



Red (24%)

Green (79%)

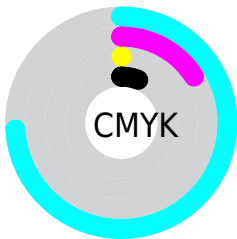
Blue (94%)



Red (24%)

Yellow (55%)

Blue (94%)

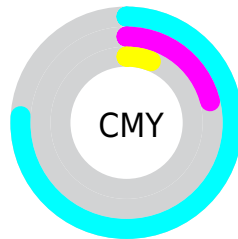


Cyan (74%)

Magenta (16%)

Yellow (0%)

Black (6%)



Cyan (76%)

Magenta (21%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282305008 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 4282305008 by changing the saturation by 10% instead.



4282305008



4282305008

4294967295



4278234836



4286971903



4278227896



4289069055



4278221213



4291100671



4278214787



4293132287



4278208617



4278202705



4278197818



4278190628



4278190092

■ 4282305008

■ 4282305008

■ 4280730864

■ 4283879152

■ 4279156464

■ 4285453552

■ 4278238192

■ 4287027696

■ 4288601840

■ 4290175984

■ 4291750384

■ 4293324528

■ 4294898672

■ 4294965488

Harmonies

Analogous

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



4281912786



4282305008



4285972991

Triad

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



4282305008



4294484166



4290297975

Complementary

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



4282305008



4293944638

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.



4292588660



4282305008



4294942882

Square

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



4282305008



4292651239



4294289540



4287678604

Rectangle

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



4282305008



4288526847



4294289540



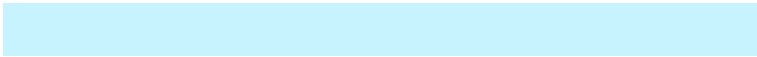
4291148916

Sweetspot

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



4282305008



4291294207



4282314853



4284381312



4278190080



4286611584

Same Dimension

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



4282305008



4280077823



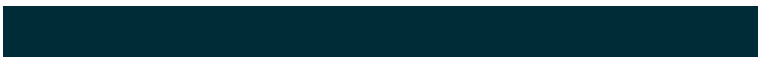
4282282224



4285298040



4278226872



4278201400

Inverse Universe

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



4293934793



4294909133



4293967422



4286082165



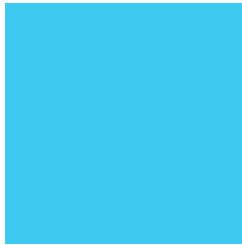
4290248847



4281860140

Previews

White Background



This preview shows how the Android color 4282305008 looks on a white background.

Color Contrast Check

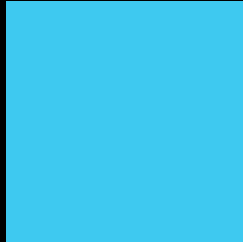
Large Text (above 18pt) WCAG AA × Fail

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 4282305008 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 4282305008 Background



This preview shows how black text looks on a background with the Android color 4282305008.



This preview shows how white text looks on a background with the Android color 4282305008.

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

4282305008



Protanomaly

4286955240



Deuteranomaly

4286823923



Tritanomaly

4281650148

Monochromacy



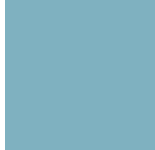
Original Color

4282305008



Achromatopsia

4288980132



Achromatomaly

4286558656

CSS Examples

Text

The CSS property to change the color of the text to Android 4282305008 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(62, 201, 240)` looks like.

```
.text, #text, p{  
    color:rgb(62, 201, 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(62, 201, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 201, 240) }
```

Border

The CSS property to change the border of an element to Android 4282305008 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(62, 201, 240) }
```

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

```
.border{ border-color:rgb(62, 201, 240) }
```

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

Here you see how a box with a 4 pixel rgb(62, 201, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 201, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 201, 240);  
box-shadow:4px 4px 4px 4px rgb(62, 201,  
240) }
```

Background

The CSS property to change the background color of an element to Android 4282305008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 201, 240) }
```

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

```
.background{ background-color: rgb(62, 201,  
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](#).

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