

Converting Colors

Android(4279686112)

Have a look what the booklet for
Android(4279686112) contains.

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Color

Android(4279686112)

Conversions

Conversions Part 1

Format	Color
Hex	16D3E0
RGB	22, 211, 224
RGB Percent	9%, 83%, 88%
CMY	0.9137, 0.1725, 0.1216
CMYK	0.90, 0.06, 0.00, 0.12
HSL	184°, 82%, 48%
HSV	184°, 90%, 88%
XYZ	37.0797, 52.1409, 78.6309
YIQ	155.9710, -116.8170, -36.0250

Conversions

Conversions Part 2

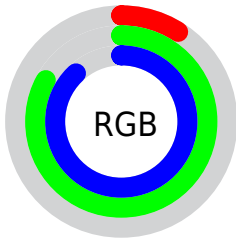
Format	Color
RYB	22, 120, 224
Decimal	1496032
CIELab	77.37, -37.09, -18.46
CIELCh	77, 41.431, 206.461
Yxy	52.1409, 0.2209, 0.3106
Android (android.graphics.Color)	4279686112 (0xFF16D3E0)
YUV	155.9710, 33.5383, -117.4926
Hunter-Lab	72.2087, -34.7041, -14.0172

Details

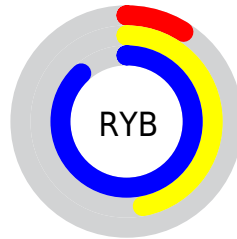
The Android color `4279686112` is a light color, and the websafe version is hex `33CCCC`. The color can be described as light washed cyan. A complement of this color would be `4292879126`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4285726719`, and `4278230185` is the 20% darker color. If you saturate the color by 10%, you get `4278244064`, and if you desaturate by 10%, it is `4281128160`.

Distribution



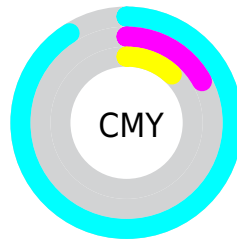
- Red (9%)
- Green (83%)
- Blue (88%)



- Red (9%)
- Yellow (47%)
- Blue (88%)



- Cyan (90%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (91%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279686112 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 4279686112 by changing the saturation by 10% instead.

 4279686112

 4279686112

4294967295

 4278237124

 4285726719

 4278230185

 4287954943

 4278223246

 4290052095

 4278216821

 4292149247

 4278210396

 4294180863

 4278204229

 4278199086

 4278190362

 4278190080

■ 4279686112

■ 4279686112

■ 4278244064

■ 4281128160

■ 4282636000

■ 4284078048

■ 4285585888

■ 4287027936

■ 4288470240

■ 4289977824

■ 4291420128

■ 4292927712

Harmonies

Analogous

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



4283749305



4279686112



4281847550

Triad

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



4279686112



4293634538



4292655986

Complementary

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



4279686112



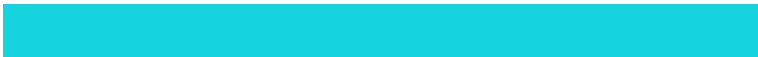
4292879126

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.



4294618752



4279686112



4294943173

Square

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



4279686112



4290623487



4294943903



4290103161

Rectangle

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



4279686112



4285057279



4294943903



4293441396

Sweetspot

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



4279686112



4290444287



4279689248



4283923840



4278190080



4286611584

Same Dimension

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



4279686112



4278251519



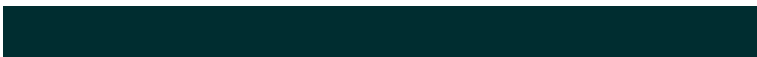
4279661024



4284837744



4278232496



4278201648

Inverse Universe

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



4292875987



4294901999



4292904214



4285556079



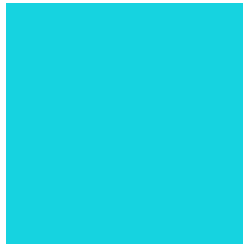
4289724581



4281335853

Previews

White Background



This preview shows how the Android color 4279686112 looks on a white background.

Color Contrast Check

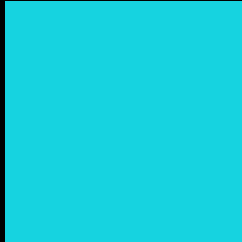
Large Text (above 18pt) WCAG AA × Fail

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 4279686112 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 4279686112 Background



This preview shows how black text looks on a background with the Android color 4279686112.



This preview shows how white text looks on a background with the Android color 4279686112.

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](#).

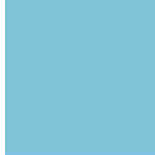
Dichromacy



Trichromacy



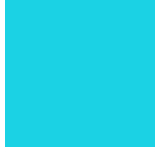
Original Color
4279686112



Protanomaly
4286563542



Deuteranomaly
4286628580



Tritanomaly
4279948003

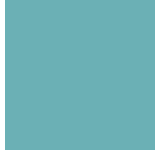
Monochromacy



Original Color
4279686112



Achromatopsia
4288453788



Achromatomaly
4285247669

CSS Examples

Text

The CSS property to change the color of the text to Android 4279686112 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(22, 211, 224)` looks like.

```
.text, #text, p{  
    color:rgb(22, 211, 224)  
}
```

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(22, 211, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 211, 224) }
```

Border

The CSS property to change the border of an element to Android 4279686112 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(22, 211, 224) }
```

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

```
.border{ border-color:rgb(22, 211, 224) }
```

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

Here you see how a box with a 4 pixel rgb(22, 211, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 211, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 211, 224);  
box-shadow:4px 4px 4px 4px rgb(22, 211,  
224) }
```

Background

The CSS property to change the background color of an element to Android 4279686112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 211, 224) }
```

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

```
.background{ background-color: rgb(22, 211,  
224) }
```

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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