

Converting Colors

Android(4282570466)

Have a look what the booklet for
Android(4282570466) contains.

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Color

Android(4282570466)

Conversions

Conversions Part 1

Format	Color
Hex	42D6E2
RGB	66, 214, 226
RGB Percent	26%, 84%, 89%
CMY	0.7412, 0.1608, 0.1137
CMYK	0.71, 0.05, 0.00, 0.11
HSL	184°, 73%, 57%
HSV	184°, 71%, 89%
XYZ	40.0208, 54.7424, 80.4085
YIQ	171.1160, -92.0600, -27.6440

Conversions

Conversions Part 2

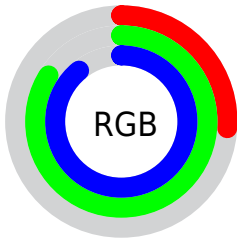
Format	Color
RYB	66, 143, 226
Decimal	4380386
CIELab	78.89, -34.26, -17.17
CIELCh	79, 38.322, 206.617
Yxy	54.7424, 0.2285, 0.3125
Android (android.graphics.Color)	4282570466 (0xFF42D6E2)
YUV	171.1160, 27.0578, -92.1867
Hunter-Lab	73.9881, -32.9270, -12.6433

Details

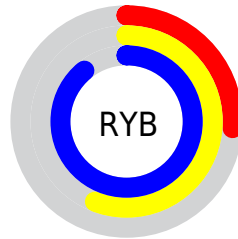
The Android color `4282570466` is a light color, and the websafe version is hex `33CCCC`. The color can be described as light muted cyan. A complement of this color would be `4293021250`, and the grayscale version is `4289440683`.

A 20% lighter version of the original color is `4287102975`, and `4278230955` is the 20% darker color. If you saturate the color by 10%, you get `4281062626`, and if you desaturate by 10%, it is `4284078306`.

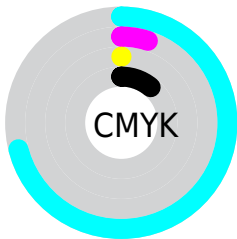
Distribution



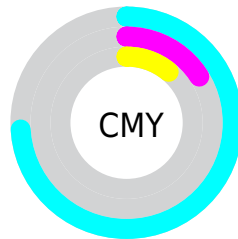
- Red (26%)
- Green (84%)
- Blue (89%)



- Red (26%)
- Yellow (56%)
- Blue (89%)



- Cyan (71%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (74%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282570466 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 4282570466 by changing the saturation by 10% instead.

 4282570466

 4282570466

4294967295


 4278237894

 4287102975

 4278230955

 4289200127

 4278224016

 4291231743

 4278217591

 4293263359

 4278211166

 4278204998

 4278199600

 4278190364

 4278190080

■ 4282570466

■ 4282570466

■ 4281062626

■ 4284078306

■ 4279620578

■ 4285520354

■ 4278243810

■ 4287028194

■ 4288470498

■ 4289978082

■ 4291485922

■ 4292928226

■ 4294436066

■ 4294960610

Harmonies

Analogous

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



4284864190



4282570466



4283748862

Triad

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



4282570466



4293767147



4292853884

Complementary

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



4282570466



4293021250

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.



4294685577



4282570466



4294944969

Square

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



4282570466



4290952447



4294945445



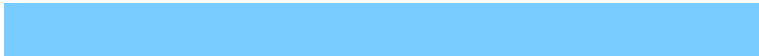
4290497411

Rectangle

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



4282570466



4286106879



4294945445



4293573758

Sweetspot

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



4282570466



4291427327



4282573389



4284513664



4278190080



4286611584

Same Dimension

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



4282570466



4280741887



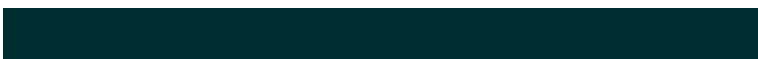
4282550242



4284837744



4278231984



4278201648

Inverse Universe

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



4293018326



4294911727



4293041474



4285556079



4289724579



4281335853

Previews

White Background



This preview shows how the Android color 4282570466 looks on a white background.

Color Contrast Check

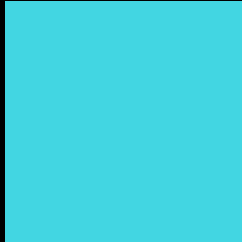
Large Text (above 18pt) WCAG AA × Fail

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 4282570466 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 4282570466 Background



This preview shows how black text looks on a background with the Android color 4282570466.



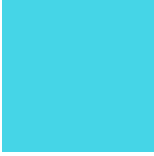
This preview shows how white text looks on a background with the Android color 4282570466.

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





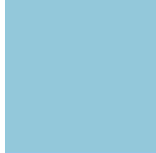
Tritanopia
4282766823

Trichromacy



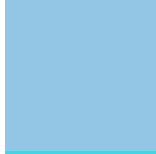
Original Color

4282570466



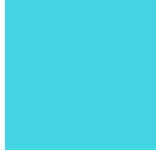
Protanomaly

4287809753



Deuteranomaly

4287874789



Tritanomaly

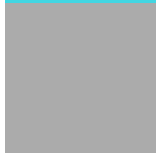
4282701285

Monochromacy



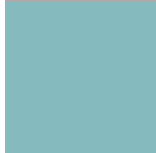
Original Color

4282570466



Achromatopsia

4289440683



Achromatomaly

4286954431

CSS Examples

Text

The CSS property to change the color of the text to Android 4282570466 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(66, 214, 226)` looks like.

```
.text, #text, p{  
    color:rgb(66, 214, 226)  
}
```

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(66, 214, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 214, 226) }
```

Border

The CSS property to change the border of an element to Android 4282570466 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(66, 214, 226) }
```

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

```
.border{ border-color:rgb(66, 214, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 214, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 214, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 214, 226);  
box-shadow:4px 4px 4px 4px rgb(66, 214,  
226) }
```

Background

The CSS property to change the background color of an element to Android 4282570466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 214, 226) }
```

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

```
.background{ background-color: rgb(66, 214,  
226) }
```

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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