

Converting Colors

Android(4282442466)

Have a look what the booklet for
Android(4282442466) contains.

Android(4282442466)	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(4282442466)

Conversions

Conversions Part 1

Format	Color
Hex	40E2E2
RGB	64, 226, 226
RGB Percent	25%, 89%, 89%
CMY	0.7490, 0.1137, 0.1137
CMYK	0.72, 0.00, 0.00, 0.11
HSL	180°, 74%, 57%
HSV	180°, 72%, 89%
XYZ	43.0382, 60.9737, 81.4523
YIQ	177.5620, -96.5520, -34.3440

Conversions

Conversions Part 2

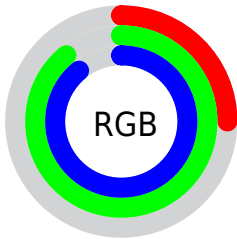
Format	Color
RYB	64, 145, 226
Decimal	4252386
CIELab	82.36, -40.03, -11.96
CIELCh	82, 41.784, 196.636
Yxy	60.9737, 0.2321, 0.3288
Android (android.graphics.Color)	4282442466 (0xFF40E2E2)
YUV	177.5620, 23.8799, -99.5939
Hunter-Lab	78.0857, -38.2667, -7.1863

Details

The Android color `4282442466` 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 `4293017664`, and the grayscale version is `4289835441`.

A 20% lighter version of the original color is `4287102975`, and `4278233771` is the 20% darker color. If you saturate the color by 10%, you get `4280935138`, and if you desaturate by 10%, it is `4283949794`.

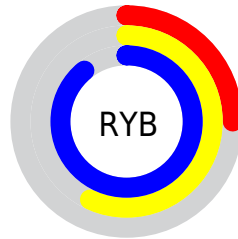
Distribution



Red (25%)

Green (89%)

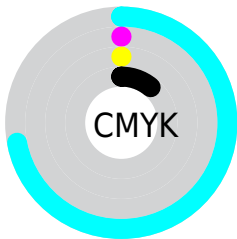
Blue (89%)



Red (25%)

Yellow (57%)

Blue (89%)

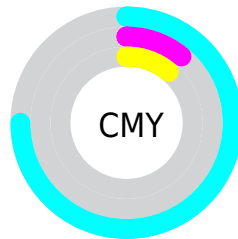


Cyan (72%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (75%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282442466 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 4282442466 by changing the saturation by 10% instead.

 4282442466

 4282442466

4294967295


 4278240966

 4287102975

 4278233771

 4289200127

 4278226832

 4291231743

 4278220151

 4293328895

 4278213470

 4278207302

 4278201392

 4278194204

 4278190080

■ 4282442466

■ 4282442466

■ 4280935138

■ 4283949794

■ 4279493346

■ 4285391586

■ 4278248162

■ 4286898914

■ 4288340706

■ 4289848034

■ 4291355362

■ 4292797154

■ 4294304482

■ 4294959842

Harmonies

Analogous

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



4285850041



4282442466



4282048255

Triad

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



4282442466



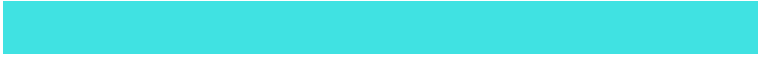
4293770239



4294427777

Complementary

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



4282442466



4293017664

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.



4294948758



4282442466



4294947296

Square

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



4282442466



4290300415



4294946744



4291940737

Rectangle

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



4282442466



4284602879



4294946744



4294951046

Sweetspot

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



4282442466



4291297279



4282442304



4284383360



4278190080



4286611584

Same Dimension

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



4282442466



4280614911



4282421730



4284838000



4278235312



4278202416

Inverse Universe

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



4293017826



4294911231



4293038400



4285556080



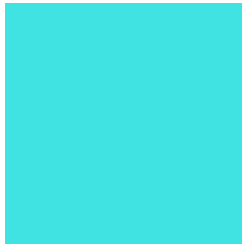
4289724592



4281335856

Previews

White Background



This preview shows how the Android color 4282442466 looks on a white background.

Color Contrast Check

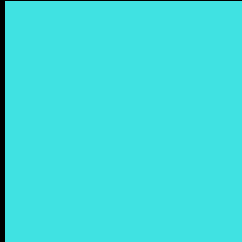
Large Text (above 18pt) WCAG AA × Fail

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 4282442466 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

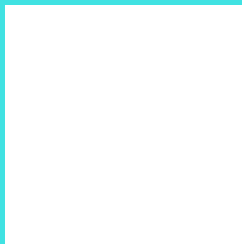
Any Text WCAG AAA ✓ Pass

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

Android 4282442466 Background



This preview shows how black text looks on a background with the Android color 4282442466.



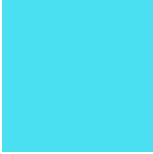
This preview shows how white text looks on a background with the Android color 4282442466.

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
4283097330

Trichromacy



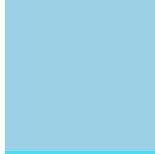
Original Color

4282442466



Protanomaly

4288271320



Deuteranomaly

4288467174



Tritanomaly

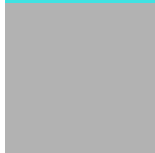
4282835436

Monochromacy



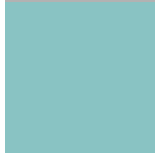
Original Color

4282442466



Achromatopsia

4289901234



Achromatomaly

4287218627

CSS Examples

Text

The CSS property to change the color of the text to Android 4282442466 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(64, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(64, 226, 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(64, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 226, 226) }
```

Border

The CSS property to change the border of an element to Android 4282442466 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(64, 226, 226) }
```

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

```
.border{ border-color:rgb(64, 226, 226) }
```

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

Here you see how a box with a 4 pixel rgb(64, 226, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(64, 226,  
226) }
```

Background

The CSS property to change the background color of an element to Android 4282442466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 226, 226) }
```

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

```
.background{ background-color: rgb(64, 226,  
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](#).

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