

Converting Colors

Android(4282432188)

Have a look what the booklet for
Android(4282432188) contains.

Android(4282432188)	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(4282432188)

Conversions

Conversions Part 1

Format	Color
Hex	40BABC
RGB	64, 186, 188
RGB Percent	25%, 73%, 74%
CMY	0.7490, 0.2706, 0.2627
CMYK	0.66, 0.01, 0.00, 0.26
HSL	181°, 49%, 49%
HSV	181°, 66%, 74%
XYZ	28.7504, 39.8386, 53.7513
YIQ	149.7500, -73.3540, -25.2420

Conversions

Conversions Part 2

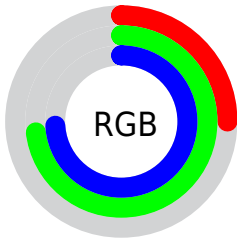
Format	Color
RYB	64, 125, 188
Decimal	4242108
CIELab	69.35, -32.27, -10.90
CIElCh	69, 34.061, 198.670
Yxy	39.8386, 0.2350, 0.3256
Android (android.graphics.Color)	4282432188 (0xFF40BABC)
YUV	149.7500, 18.8573, -75.2027
Hunter-Lab	63.1179, -29.1490, -6.3090

Details

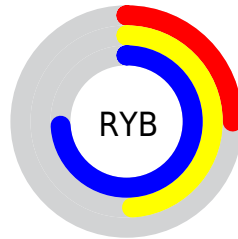
The Android color `4282432188` is a dark color, and the websafe version is hex `66CCCC`. A complement of this color would be `4290527808`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4286575604`, and `4278224007` is the 20% darker color. If you saturate the color by 10%, you get `4281187004`, and if you desaturate by 10%, it is `4283677372`.

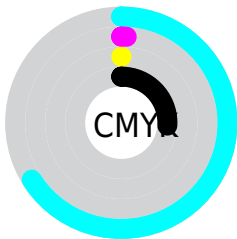
Distribution



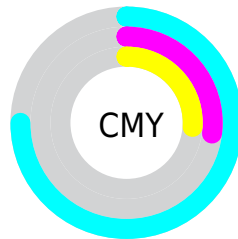
- Red (25%)
- Green (73%)
- Blue (74%)



- Red (25%)
- Yellow (49%)
- Blue (74%)



- Cyan (66%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)



- Cyan (75%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282432188 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 4282432188 by changing the saturation by 10% instead.

 4282432188

 4282432188

4294967295

 4279410593

 4286575604

 4278224007

 4288544767

 4278217582

 4290510847

 4278211157

 4292476927

 4278204990

 4294443007

 4278199592

 4278190356

 4278190080

 4282432188

 4282432188

■ 4281187004

■ 4283677372

■ 4279941564

■ 4284922812

■ 4278761916

■ 4286102460

■ 4278237628

■ 4287347644

■ 4288593084

■ 4289838268

■ 4291083452

■ 4292263100

■ 4293508540

Harmonies

Analogous

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



4284660124



4282432188



4282496983

Triad

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



4282432188



4291140562



4291404653

Complementary

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



4282432188



4290527808

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.



4292778364



4282432188



4292776886

Square

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



4282432188



4288521956



4293300887



4289441390

Rectangle

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



4282432188



4284265442



4293300887



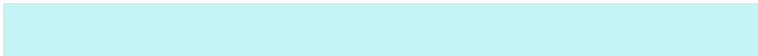
4291928176

Sweetspot

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



4282432188



4291097845



4282432576



4284316282



4294638330



4286216826

Same Dimension

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



4282432188



4281594613



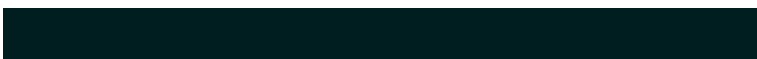
4282416828



4283784798



4278230174



4278197791

Inverse Universe

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



4290527418



4294259698



4290543168



4284372318



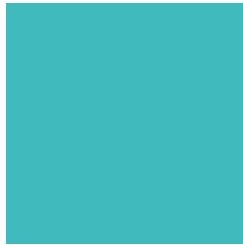
4288544924



4280221726

Previews

White Background



This preview shows how the Android color 4282432188 looks on a white background.

Color Contrast Check

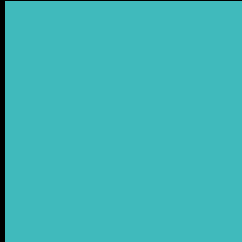
Large Text (above 18pt) WCAG AA × Fail

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 4282432188 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 4282432188 Background



This preview shows how black text looks on a background with the Android color 4282432188.

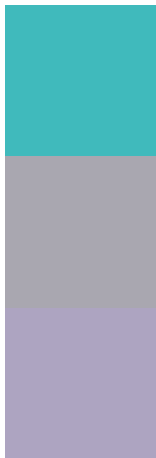


This preview shows how white text looks on a background with the Android color 4282432188.

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



Original Color
4282432188

Protanopia
4289308592

Deuteranopia
4289569985

Trichromacy



Original Color

4282432188



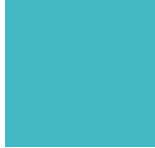
Protanomaly

4286820020



Deuteranomaly

4286950591



Tritanomaly

4282694083

Monochromacy



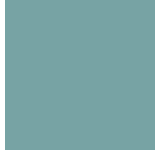
Original Color

4282432188



Achromatopsia

4288059030



Achromatomaly

4286030756

CSS Examples

Text

The CSS property to change the color of the text to Android 4282432188 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, 186, 188)` looks like.

```
.text, #text, p{  
    color:rgb(64, 186, 188)  
}
```

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, 186, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 186, 188) }
```

Border

The CSS property to change the border of an element to Android 4282432188 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, 186, 188) }
```

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

```
.border{ border-color:rgb(64, 186, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 186, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 186, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 186, 188);  
box-shadow:4px 4px 4px 4px rgb(64, 186,  
188) }
```

Background

The CSS property to change the background color of an element to Android 4282432188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 186, 188) }
```

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

```
.background{ background-color: rgb(64, 186,  
188) }
```

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