

Converting Colors

Android(4282240204)

Have a look what the booklet for
Android(4282240204) contains.

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Color

Android(4282240204)

Conversions

Conversions Part 1

Format	Color
Hex	3DCCCC
RGB	61, 204, 204
RGB Percent	24%, 80%, 80%
CMY	0.7608, 0.2000, 0.2000
CMYK	0.70, 0.00, 0.00, 0.20
HSL	180°, 58%, 52%
HSV	180°, 70%, 80%
XYZ	34.4164, 48.5375, 64.6815
YIQ	161.2430, -85.2280, -30.3160

Conversions

Conversions Part 2

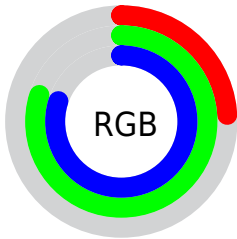
Format	Color
RYB	61, 133, 204
Decimal	4050124
CIELab	75.16, -36.56, -10.95
CIELCh	75, 38.168, 196.671
Yxy	48.5375, 0.2331, 0.3288
Android (android.graphics.Color)	4282240204 (0xFF3DCCCC)
YUV	161.2430, 21.0792, -87.9131
Hunter-Lab	69.6688, -33.7414, -6.2774

Details

The Android color `4282240204` 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 `4291575101`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4286709759`, and `4278228374` is the 20% darker color. If you saturate the color by 10%, you get `4280929484`, and if you desaturate by 10%, it is `4283550924`.

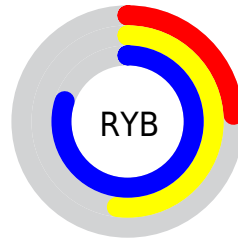
Distribution



Red (24%)

Green (80%)

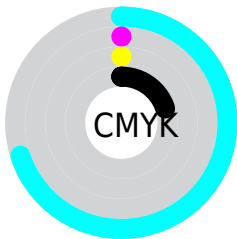
Blue (80%)



Red (24%)

Yellow (52%)

Blue (80%)

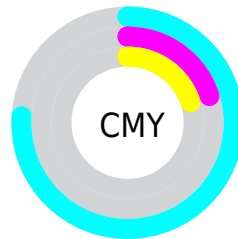


Cyan (70%)

Magenta (0%)

Yellow (0%)

Black (20%)



Cyan (76%)

Magenta (20%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282240204 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 4282240204 by changing the saturation by 10% instead.

 4282240204

 4282240204

4294967295

 4278235313

 4286709759

 4278228374

 4288741375

 4278221692

 4290707455

 4278215011

 4292739071

 4278208843

 4294770687

 4278202677

 4278197280

 4278190086

 4278190080

■ 4282240204

■ 4282240204

■ 4280929484

■ 4283550924

■ 4279553228

■ 4284927180

■ 4278242508

■ 4286237900

■ 4287614156

■ 4288924876

■ 4290235596

■ 4291611852

■ 4292922572

■ 4294298828

Harmonies

Analogous

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



4285123496



4282240204



4281911787

Triad

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



4282240204



4292258282



4292850293

Complementary

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



4282240204



4291575101

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.



4294354567



4282240204



4294222026

Square

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



4282240204



4289181436



4294877095



4290624885

Rectangle

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



4282240204



4284073209



4294877095



4293438841

Sweetspot

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



4282240204



4291428351



4282240061



4284514432



4278190080



4286611584

Same Dimension

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



4282240204



4280942591



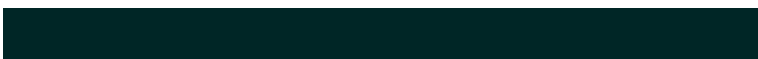
4282222028



4284245606



4278232742



4278199846

Inverse Universe

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



4291575244



4294912511



4291593533



4284898406



4289069222



4280680486

Previews

White Background



This preview shows how the Android color 4282240204 looks on a white background.

Color Contrast Check

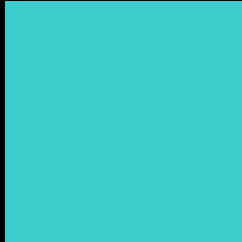
Large Text (above 18pt) WCAG AA × Fail

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 4282240204 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

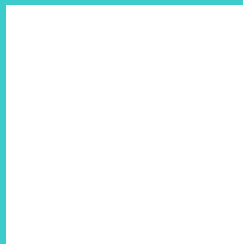
Any Text WCAG AAA ✓ Pass

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

Android 4282240204 Background



This preview shows how black text looks on a background with the Android color 4282240204.



This preview shows how white text looks on a background with the Android color 4282240204.

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

4282240204



Protanomaly

4287414212



Deuteranomaly

4287544527



Tritanomaly

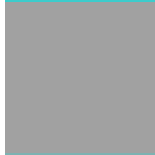
4282567637

Monochromacy



Original Color

4282240204



Achromatopsia

4288782753



Achromatomaly

4286427569

CSS Examples

Text

The CSS property to change the color of the text to Android 4282240204 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(61, 204, 204)` looks like.

```
.text, #text, p{  
    color:rgb(61, 204, 204)  
}
```

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(61, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 204, 204) }
```

Border

The CSS property to change the border of an element to Android 4282240204 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(61, 204, 204) }
```

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

```
.border{ border-color:rgb(61, 204, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 204, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(61, 204,  
204) }
```

Background

The CSS property to change the background color of an element to Android 4282240204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 204, 204) }
```

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

```
.background{ background-color: rgb(61, 204,  
204) }
```

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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