

Converting Colors

Android(4282236604)

Have a look what the booklet for
Android(4282236604) contains.

Android(4282236604)	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(4282236604)

Conversions

Conversions Part 1

Format	Color
Hex	3DBEBC
RGB	61, 190, 188
RGB Percent	24%, 75%, 74%
CMY	0.7608, 0.2549, 0.2627
CMYK	0.68, 0.00, 0.01, 0.25
HSL	179°, 51%, 49%
HSV	179°, 68%, 75%
XYZ	29.4150, 41.4499, 54.0272
YIQ	151.2010, -76.2420, -27.9700

Conversions

Conversions Part 2

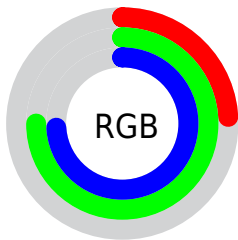
Format	Color
RYB	61, 126, 190
Decimal	4046524
CIELab	70.49, -34.60, -9.22
CIELCh	70, 35.803, 194.916
Yxy	41.4499, 0.2355, 0.3319
Android (android.graphics.Color)	4282236604 (0xFF3DBEBC)
YUV	151.2010, 18.1419, -79.1063
Hunter-Lab	64.3816, -31.1136, -4.6875

Details

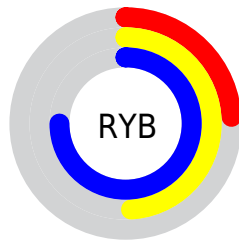
The Android color `4282236604` is a dark color, and the websafe version is hex `33CCCC`. A complement of this color would be `4290657599`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4286511092`, and `4278225031` is the 20% darker color. If you saturate the color by 10%, you get `4280991420`, and if you desaturate by 10%, it is `4283481788`.

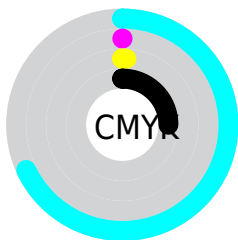
Distribution



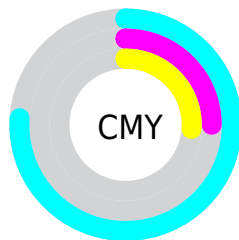
- Red (24%)
- Green (75%)
- Blue (74%)



- Red (24%)
- Yellow (49%)
- Blue (75%)



- Cyan (68%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



- Cyan (76%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282236604 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 4282236604 by changing the saturation by 10% instead.



4282236604



4282236604

4294967295



4278625185



4286511092



4278225031



4288479231



4278218350



4290445311



4278211925



4292411391



4278205758



4294377471



4278200360



4278191125



4278190080



4282236604



4282236604

■ 4280991420

■ 4283481788

■ 4279746235

■ 4284726973

■ 4278501051

■ 4285972157

■ 4278238907

■ 4287217341

■ 4288462525

■ 4289707710

■ 4290952894

■ 4292198078

■ 4293443263

Harmonies

Analogous

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



4284857754



4282236604



4281777113

Triad

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



4282236604



4291141339



4291929454

Complementary

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



4282236604



4290657599

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.



4293302912



4282236604



4293039550

Square

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



4282236604



4288195307



4293760157



4289900653

Rectangle

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



4282236604



4283611111



4293760157



4292452722

Sweetspot

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



4282236604



4291229687



4282367549



4284448124



4294769916



4286414205

Same Dimension

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



4282236604



4281333748



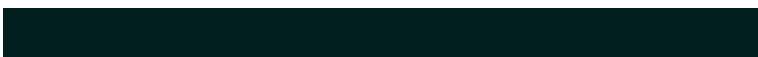
4282220734



4283784798



4278230684



4278198046

Inverse Universe

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



4290657599



4294389554



4290673469



4284372309



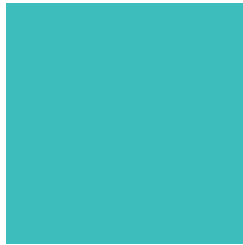
4288544770



4280221696

Previews

White Background



This preview shows how the Android color 4282236604 looks on a white background.

Color Contrast Check

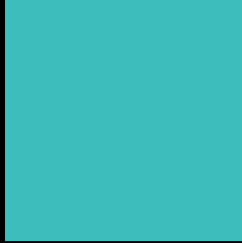
Large Text (above 18pt) WCAG AA × Fail

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 4282236604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

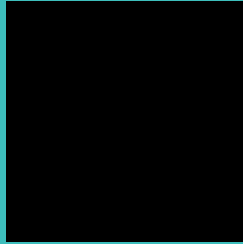
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

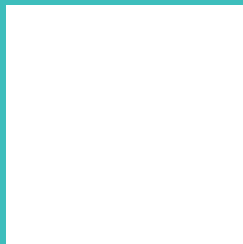
Any Text WCAG AAA ✓ Pass

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

Android 4282236604 Background



This preview shows how black text looks on a background with the Android color 4282236604.



This preview shows how white text looks on a background with the Android color 4282236604.

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

4282236604



Protanomaly

4286886324



Deuteranomaly

4287082431



Tritanomaly

4282564038

Monochromacy



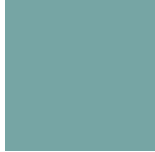
Original Color

4282236604



Achromatopsia

4288124823



Achromatomaly

4285965732

CSS Examples

Text

The CSS property to change the color of the text to Android 4282236604 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, 190, 188)` looks like.

```
.text, #text, p{  
    color:rgb(61, 190, 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(61, 190, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 190, 188) }
```

Border

The CSS property to change the border of an element to Android 4282236604 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, 190, 188) }
```

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

```
.border{ border-color:rgb(61, 190, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 190, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 190, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 190, 188);  
box-shadow:4px 4px 4px 4px rgb(61, 190,  
188) }
```

Background

The CSS property to change the background color of an element to Android 4282236604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 190, 188) }
```

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

```
.background{ background-color: rgb(61, 190,  
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