

Converting Colors

Android(4282493630)

Have a look what the booklet for
Android(4282493630) contains.

Android(4282493630)	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(4282493630)

Conversions

Conversions Part 1

Format	Color
Hex	41AABE
RGB	65, 170, 190
RGB Percent	25%, 67%, 75%
CMY	0.7451, 0.3333, 0.2549
CMYK	0.66, 0.11, 0.00, 0.25
HSL	190°, 49%, 50%
HSV	190°, 66%, 75%
XYZ	25.8490, 33.5910, 53.8365
YIQ	140.8850, -69.0000, -16.0400

Conversions

Conversions Part 2

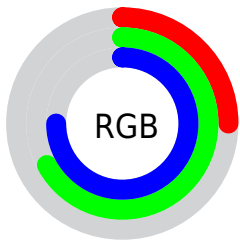
Format	Color
R _{YB}	65, 122, 190
Decimal	4303550
CIE Lab	64.64, -23.63, -19.12
CIE LCh	65, 30.395, 218.984
Yxy	33.5910, 0.2282, 0.2965
Android (android.graphics.Color)	4282493630 (0xFF41AABE)
YUV	140.8850, 24.2137, -66.5511
Hunter-Lab	57.9577, -21.8156, -14.5037

Details

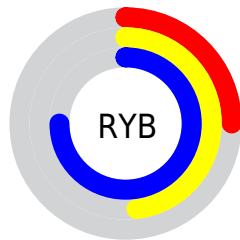
The Android color `4282493630` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4290663745`, and the grayscale version is `4287466893`.

A 20% lighter version of the original color is `4286571254`, and `4278220425` is the 20% darker color. If you saturate the color by 10%, you get `4281247678`, and if you desaturate by 10%, it is `4283739582`.

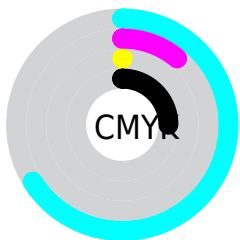
Distribution



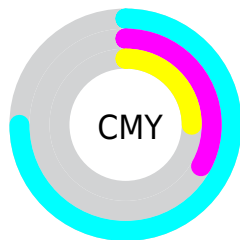
- Red (25%)
- Green (67%)
- Blue (75%)



- Red (25%)
- Yellow (48%)
- Blue (75%)



- Cyan (66%)
- Magenta (11%)
- Yellow (0%)
- Black (25%)



- Cyan (75%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282493630 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 4282493630 by changing the saturation by 10% instead.



4282493630



4282493630

4294967295



4279799715



4286571254



4278220425



4288478975



4278213999



4290445311



4278207831



4292345855



4278201919



4294377471



4278196777



4278190357



4278190080



4282493630



4282493630

■ 4281247678

■ 4283739582

■ 4280001726

■ 4284985534

■ 4278755774

■ 4286231486

■ 4278231230

■ 4287477438

■ 4288723390

■ 4289969342

■ 4291215294

■ 4292461246

■ 4293707198

Harmonies

Analogous

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



4283149476



4282493630



4284196303

Triad

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



4282493630



4291201969



4289175143

Complementary

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



4282493630



4290663745

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.



4290811243



4282493630



4291987605

Square

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



4282493630



4289434567



4291791996



4287276402

Rectangle

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



4282493630



4286030035



4291791996



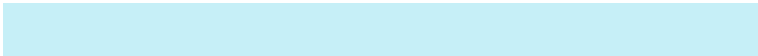
4289764198

Sweetspot

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



4282493630



4291227639



4282498644



4284446845



4294769916



4286414205

Same Dimension

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



4282493630



4281653495



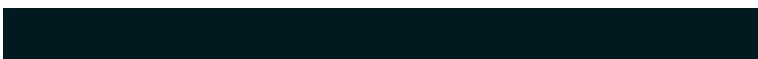
4282478014



4283784542



4278224286



4278196767

Inverse Universe

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



4290658730



4294391000



4290679361



4284372317



4288544901



4280221722

Previews

White Background



This preview shows how the Android color 4282493630 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 4282493630 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 4282493630 Background



This preview shows how black text looks on a background with the Android color 4282493630.



This preview shows how white text looks on a background with the Android color 4282493630.

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
4282493630

Protanopia
4288125620

Deuteranopia
4288125378

Trichromacy



Original Color
4282493630

Protanomaly
4286095544

Deuteranomaly
4286095297

Tritanomaly
4282362811

Monochromacy



Original Color
4282493630

Achromatopsia
4287466893

Achromatomaly
4285634719

CSS Examples

Text

The CSS property to change the color of the text to Android 4282493630 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(65, 170, 190)` looks like.

```
.text, #text, p{  
    color:rgb(65, 170, 190)  
}
```

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(65, 170, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 170, 190) }
```

Border

The CSS property to change the border of an element to Android 4282493630 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(65, 170, 190) }
```

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

```
.border{ border-color:rgb(65, 170, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 170, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 170, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 170, 190);  
box-shadow:4px 4px 4px 4px rgb(65, 170,  
190) }
```

Background

The CSS property to change the background color of an element to Android 4282493630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 170, 190) }
```

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

```
.background{ background-color: rgb(65, 170,  
190) }
```

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