

Converting Colors

Android(4282620085)

Have a look what the booklet for
Android(4282620085) contains.

Android(4282620085)	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(4282620085)

Conversions

Conversions Part 1

Format	Color
Hex	4398B5
RGB	67, 152, 181
RGB Percent	26%, 60%, 71%
CMY	0.7373, 0.4039, 0.2902
CMYK	0.63, 0.16, 0.00, 0.29
HSL	195°, 46%, 49%
HSV	195°, 63%, 71%
XYZ	21.8835, 26.9860, 47.7715
YIQ	129.8910, -59.9690, -9.0010

Conversions

Conversions Part 2

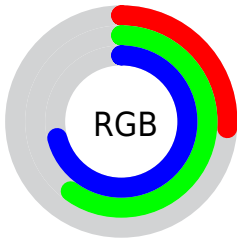
Format	Color
RYB	67, 116, 181
Decimal	4430005
CIELab	58.96, -16.66, -22.73
CIELCh	59, 28.179, 233.764
Yxy	26.9860, 0.2264, 0.2792
Android (android.graphics.Color)	4282620085 (0xFF4398B5)
YUV	129.8910, 25.1967, -55.1554
Hunter-Lab	51.9480, -15.7146, -18.1596

Details

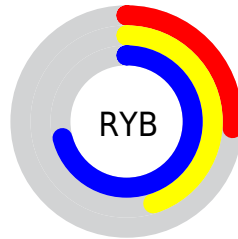
The Android color `4282620085` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `4290076739`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4286500589`, and `4278216064` is the 20% darker color. If you saturate the color by 10%, you get `4281439157`, and if you desaturate by 10%, it is `4283801013`.

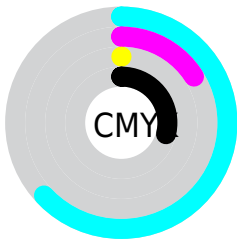
Distribution



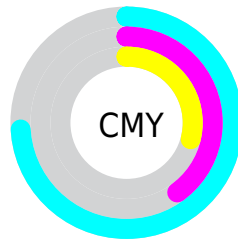
- Red (26%)
- Green (60%)
- Blue (71%)



- Red (26%)
- Yellow (45%)
- Blue (71%)



- Cyan (63%)
- Magenta (16%)
- Yellow (0%)
- Black (29%)



- Cyan (74%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282620085 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 4282620085 by changing the saturation by 10% instead.



4282620085



4282620085

4294967295



4280319642



4286500589



4278216064



4288408575



4278209895



4290314239



4278203983



4292214783



4278198584



4294180863



4278190627



4278190089



4278190080



4282620085



4282620085

■ 4281439157

■ 4283801013

■ 4280258485

■ 4284981685

■ 4279077557

■ 4286162613

■ 4278224821

■ 4287343285

■ 4288589749

■ 4289770677

■ 4290951349

■ 4292132277

■ 4293312949

Harmonies

Analogous

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



4282096545



4282620085



4284846783

Triad

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



4282620085



4290477204



4287337056

Complementary

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



4282620085



4290076739

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.



4288973661



4282620085



4290739323

Square

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



4282620085



4289233323



4290151015



4285438064

Rectangle

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



4282620085



4286483646



4290151015



4287860829

Sweetspot

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



4282620085



4290699243



4282627423



4284116597



4294309365



4285887861

Same Dimension

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



4282620085



4281908715



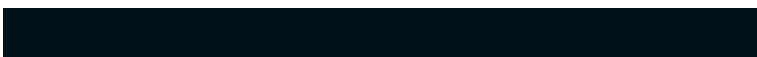
4282605493



4283455321



4278219417



4278194970

Inverse Universe

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



4290069400



4293605565



4290091331



4284043351



4288217202



4279894035

Previews

White Background



This preview shows how the Android color 4282620085 looks on a white background.

Color Contrast Check

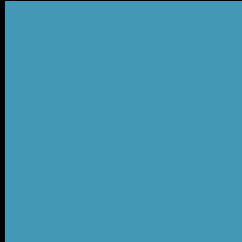
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282620085 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 × Fail

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

Android 4282620085 Background



This preview shows how black text looks on a background with the Android color 4282620085.



This preview shows how white text looks on a background with the Android color 4282620085.

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
4282620085

Protanomaly
4285436079

Deuteranomaly
4285305015

Tritanomaly
4282358188

Monochromacy



Original Color
4282620085

Achromatopsia
4286743170

Achromatomaly
4285237909

CSS Examples

Text

The CSS property to change the color of the text to Android 4282620085 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(67, 152, 181)` looks like.

```
.text, #text, p{  
    color:rgb(67, 152, 181)  
}
```

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(67, 152, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 152, 181) }
```

Border

The CSS property to change the border of an element to Android 4282620085 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(67, 152, 181) }
```

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

```
.border{ border-color:rgb(67, 152, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 152, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 152, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 152, 181);  
box-shadow:4px 4px 4px 4px rgb(67, 152,  
181) }
```

Background

The CSS property to change the background color of an element to Android 4282620085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 152, 181) }
```

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

```
.background{ background-color: rgb(67, 152,  
181) }
```

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