

Converting Colors

Android(4282152345)

Have a look what the booklet for
Android(4282152345) contains.

Android(4282152345)	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(4282152345)

Conversions

Conversions Part 1

Format	Color
Hex	3C7599
RGB	60, 117, 153
RGB Percent	24%, 46%, 60%
CMY	0.7647, 0.5412, 0.4000
CMYK	0.61, 0.24, 0.00, 0.40
HSL	203°, 44%, 42%
HSV	203°, 61%, 60%
XYZ	13.9745, 15.9831, 32.4855
YIQ	104.0610, -45.5280, -0.8880

Conversions

Conversions Part 2

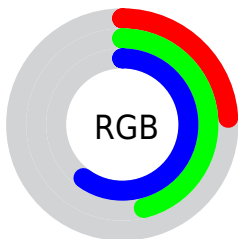
Format	Color
RYB	60, 95, 153
Decimal	3962265
CIELab	46.95, -7.45, -25.10
CIELCh	47, 26.184, 253.474
Yxy	15.9831, 0.2238, 0.2560
Android (android.graphics.Color)	4282152345 (0xFF3C7599)
YUV	104.0610, 24.1269, -38.6415
Hunter-Lab	39.9789, -7.5689, -20.1918

Details

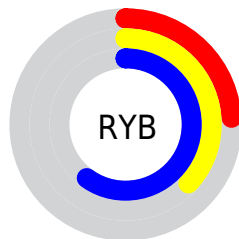
The Android color **4282152345** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **4288241724**, and the grayscale version is **4285032552**.

A 20% lighter version of the original color is **4285770191**, and **4278207846** is the 20% darker color. If you saturate the color by 10%, you get **4281167769**, and if you desaturate by 10%, it is **4283136921**.

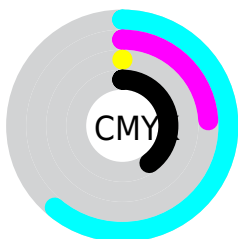
Distribution



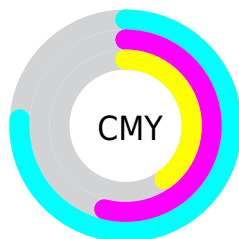
- Red (24%)
- Green (46%)
- Blue (60%)



- Red (24%)
- Yellow (37%)
- Blue (60%)



- Cyan (61%)
- Magenta (24%)
- Yellow (0%)
- Black (40%)



- Cyan (76%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282152345 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 4282152345 by changing the saturation by 10% instead.



4282152345



4282152345

4294967295



4280114303



4285770191



4278207846



4287612140



4278202190



4289454335



4278196791



4291362303



4278190625



4293263359



4278190086



4278190080



4282152345



4282152345



4281167769



4283136921

■ 4280117657

■ 4284187033

■ 4279133081

■ 4285171609

■ 4278214297

■ 4286156185

■ 4287206297

■ 4288190873

■ 4289175193

■ 4290159769

■ 4291209881

Harmonies

Analogous

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



4280187277



4282152345



4284509850

Triad

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



4282152345



4288372582



4284249935

Complementary

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



4282152345



4288241724

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.



4285821252



4282152345



4288045906

Square

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



4282152345



4287848572



4287195717



4282481250

Rectangle

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



4282152345



4285884820



4287195717



4284773706

Sweetspot

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



4282152345



4288920007



4282161504



4283325283



4293125091



4284703587

Same Dimension

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



4282152345



4281765831



4282140569



4282731085



4278212236



4278192141

Inverse Universe

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



4288232565



4291245711



4288253500



4283254090



4287365206



4279042056

Previews

White Background



This preview shows how the Android color 4282152345 looks on a white background.

Color Contrast Check

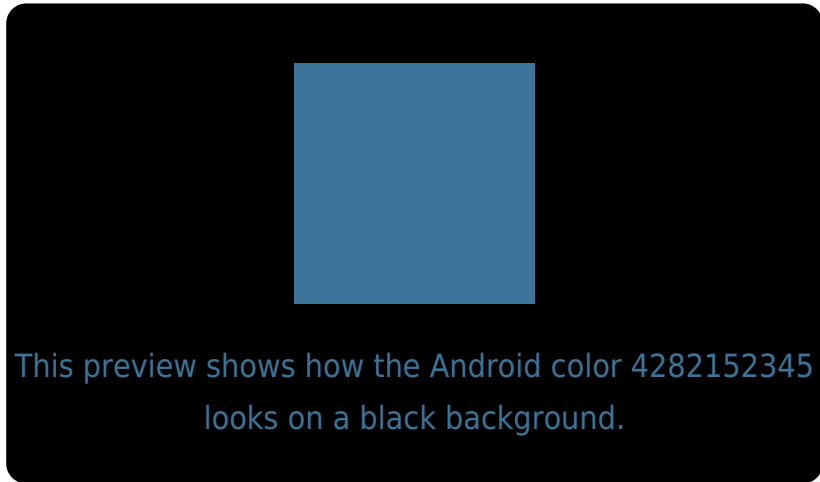
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

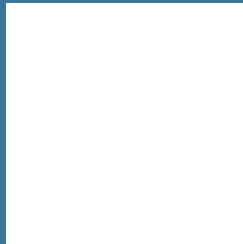
Any Text WCAG AAA × Fail

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

Android 4282152345 Background



This preview shows how black text looks on a background with the Android color 4282152345.



This preview shows how white text looks on a background with the Android color 4282152345.

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
4282152345

Protanomaly
4283789461

Deuteranomaly
4283658650

Tritanomaly
4281759883

Monochromacy



Original Color
4282152345

Achromatopsia
4285032552

Achromatomaly
4283985274

CSS Examples

Text

The CSS property to change the color of the text to Android 4282152345 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(60, 117, 153)` looks like.

```
.text, #text, p{  
    color:rgb(60, 117, 153)  
}
```

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(60, 117, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 117, 153) }
```

Border

The CSS property to change the border of an element to Android 4282152345 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(60, 117, 153) }
```

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

```
.border{ border-color:rgb(60, 117, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 117, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(60, 117, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(60, 117, 153); box-shadow:4px 4px 4px 4px rgb(60, 117, 153) }
```

Background

The CSS property to change the background color of an element to Android 4282152345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 117, 153) }
```

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

```
.background{ background-color: rgb(60, 117,  
153) }
```

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