

Converting Colors

Android(4282152335)

Have a look what the booklet for
Android(4282152335) contains.

Android(4282152335)	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(4282152335)

Conversions

Conversions Part 1

Format	Color
Hex	3C758F
RGB	60, 117, 143
RGB Percent	24%, 46%, 56%
CMY	0.7647, 0.5412, 0.4392
CMYK	0.58, 0.18, 0.00, 0.44
HSL	199°, 41%, 40%
HSV	199°, 58%, 56%
XYZ	13.1827, 15.6664, 28.3157
YIQ	102.9210, -42.3180, -3.9980

Conversions

Conversions Part 2

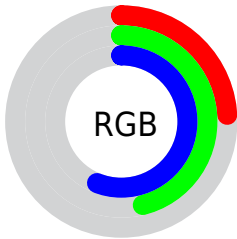
Format	Color
RYB	60, 94, 143
Decimal	3962255
CIELab	46.53, -10.73, -19.84
CIELCh	47, 22.556, 241.607
Yxy	15.6664, 0.2306, 0.2741
Android (android.graphics.Color)	4282152335 (0xFF3C758F)
YUV	102.9210, 19.7589, -37.6417
Hunter-Lab	39.5808, -9.8156, -14.7089

Details

The Android color `4282152335` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287583804`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4285704645`, and `4278207837` is the 20% darker color. If you saturate the color by 10%, you get `4281233807`, and if you desaturate by 10%, it is `4283070863`.

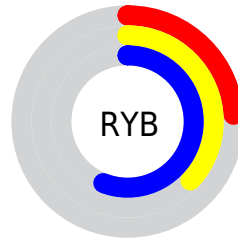
Distribution



Red (24%)

Green (46%)

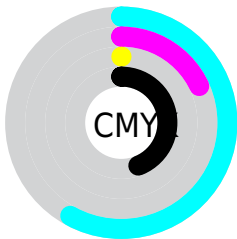
Blue (56%)



Red (24%)

Yellow (37%)

Blue (56%)

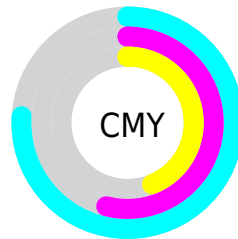


Cyan (58%)

Magenta (18%)

Yellow (0%)

Black (44%)



Cyan (76%)

Magenta (54%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282152335 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 4282152335 by changing the saturation by 10% instead.

■ 4282152335

■ 4282152335

4294967295

■ 4280179829

■ 4285704645

■ 4278207837

■ 4287546593

■ 4278201925

■ 4289323262

■ 4278196782

■ 4291231231

■ 4278190362

■ 4293066751

■ 4278190080

■ 4282152335

■ 4282152335

■ 4281233807

■ 4283070863

■ 4280249487

■ 4284055183

■ 4279330959

■ 4284973711

■ 4278412175

■ 4285892495

■ 4278215311

■ 4286876559

■ 4287795343

■ 4288713871

■ 4289632655

■ 4290616719

Harmonies

Analogous

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



4281366657



4282152335



4283920532

Triad

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



4282152335



4287848558



4284904270

Complementary

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



4282152335



4287583804

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.



4286213448



4282152335



4287849051

Square

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



4282152335



4287062913



4287260494



4283463516

Rectangle

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



4282152335



4285164433



4287260494



4285362507

Sweetspot

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



4282152335



4288393402



4282158933



4283127902



4292796126



4284374622

Same Dimension

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



4282152335



4281897402



4282142095



4282402119



4278214023



4278191368

Inverse Universe

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



4287577205



4290394257



4287594044



4282859589



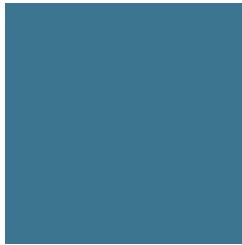
4287037533



4278714373

Previews

White Background



This preview shows how the Android color 4282152335 looks on a white background.

Color Contrast Check

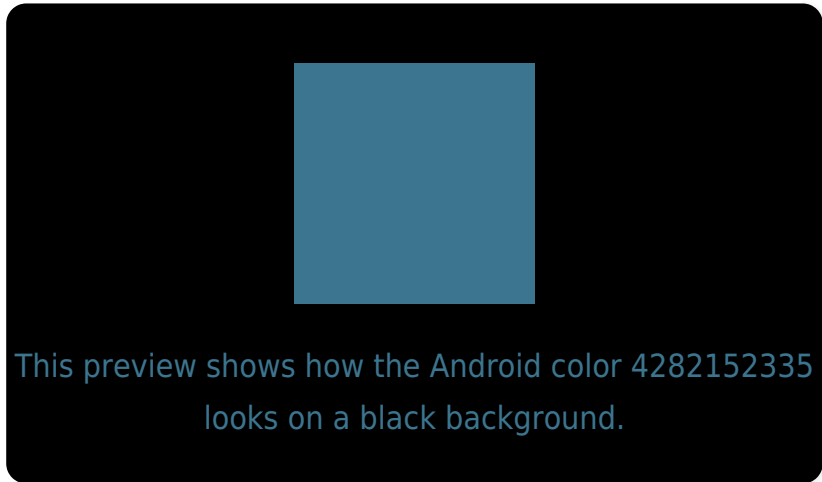
Large Text (above 18pt) WCAG AA ✓ Pass

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

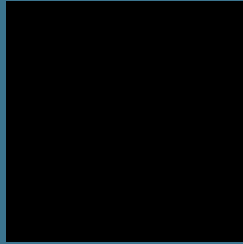
Any Text WCAG AA × Fail

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 4282152335 Background



This preview shows how black text looks on a background with the Android color 4282152335.



This preview shows how white text looks on a background with the Android color 4282152335.

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

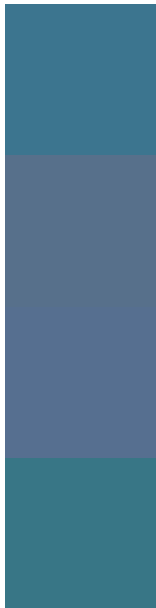


Original Color
4282152335

Protanopia
4284968329

Deuteranopia
4284837009

Trichromacy



Original Color
4282152335

Protanomaly
4283920523

Deuteranomaly
4283854736

Tritanomaly
4281890438

Monochromacy



Original Color
4282152335

Achromatopsia
4284966759

Achromatomaly
4283919478

CSS Examples

Text

The CSS property to change the color of the text to Android 4282152335 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(60, 117, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 117, 143) }
```

Border

The CSS property to change the border of an element to Android 4282152335 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, 143) }
```

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

```
.border{ border-color:rgb(60, 117, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 117, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 117, 143);  
box-shadow:4px 4px 4px 4px rgb(60, 117,  
143) }
```

Background

The CSS property to change the background color of an element to Android 4282152335 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, 143) }
```

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

```
.background{ background-color: rgb(60, 117,  
143) }
```

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