

Converting Colors

Android(4281034632)

Have a look what the booklet for
Android(4281034632) contains.

Android(4281034632)	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(4281034632)

Conversions

Conversions Part 1

Format	Color
Hex	2B6788
RGB	43, 103, 136
RGB Percent	17%, 40%, 53%
CMY	0.8314, 0.5961, 0.4667
CMYK	0.68, 0.24, 0.00, 0.47
HSL	201°, 52%, 35%
HSV	201°, 68%, 53%
XYZ	10.2904, 11.9917, 25.0648
YIQ	88.8220, -46.3530, -2.4570

Conversions

Conversions Part 2

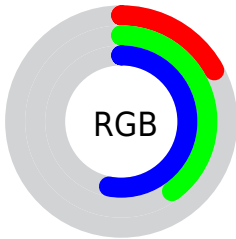
Format	Color
RYB	43, 79, 136
Decimal	2844552
CIELab	41.20, -8.26, -23.95
CIELCh	41, 25.332, 250.975
Yxy	11.9917, 0.2173, 0.2533
Android (android.graphics.Color)	4281034632 (0xFF2B6788)
YUV	88.8220, 23.2588, -40.1859
Hunter-Lab	34.6290, -7.5572, -18.6744

Details

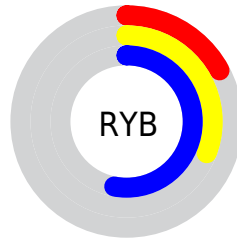
The Android color `4281034632` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287122475`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4284717757`, and `4278204502` is the 20% darker color. If you saturate the color by 10%, you get `4280115848`, and if you desaturate by 10%, it is `4281953416`.

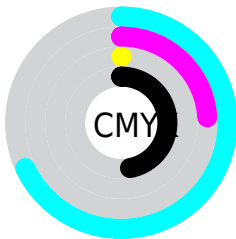
Distribution



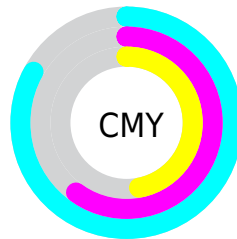
- Red (17%)
- Green (40%)
- Blue (53%)



- Red (17%)
- Yellow (31%)
- Blue (53%)



- Cyan (68%)
- Magenta (24%)
- Yellow (0%)
- Black (47%)



- Cyan (83%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281034632 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 4281034632 by changing the saturation by 10% instead.

■ 4281034632

■ 4281034632

4294967295

■ 4278275951

■ 4284717757

■ 4278204502

■ 4286559705

■ 4278199103

■ 4288401654

■ 4278192937

■ 4290244095

■ 4278190355

■ 4292083711

■ 4278190080

■ 4294049791

■ 4281034632

■ 4281034632

■ 4280115848

■ 4281953416

■ 4279262600

■ 4282806664

■ 4278344072

■ 4283725192

■ 4278212744

■ 4284578440

■ 4285497224

■ 4286416008

■ 4287269256

■ 4288188040

■ 4289041032

Harmonies

Analogous

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



4278610812



4281034632



4283457930

Triad

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



4281034632



4287254874



4283459649

Complementary

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



4281034632



4287122475

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.



4284965432



4281034632



4287059271

Square

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



4281034632



4286665583



4286208826



4281756499

Rectangle

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



4281034632



4284767365



4286208826



4283983421

Sweetspot

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



4281034632



4287341488



4281043020



4282601817



4292467161



4284045657

Same Dimension

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



4281034632



4280319408



4281022856



4282270277



4278212229



4278190853

Inverse Universe

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



4287114087



4289732733



4287134251



4282728002



4286906454



4278517763

Previews

White Background



This preview shows how the Android color 4281034632 looks on a white background.

Color Contrast Check

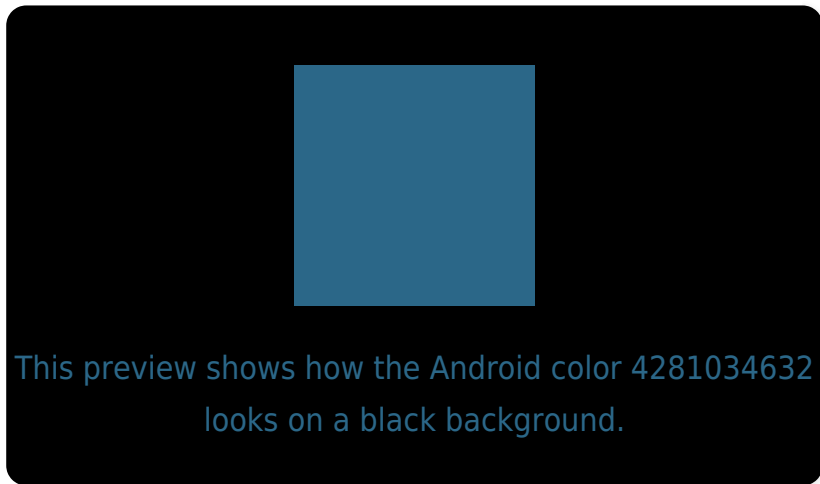
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281034632 Background



This preview shows how black text looks on a background with the Android color 4281034632.



This preview shows how white text looks on a background with the Android color 4281034632.

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

4281034632

Protanopia

4283916418

Deuteranopia

4283588746

Trichromacy



Original Color
4281034632

Protanomaly
4282868612

Deuteranomaly
4282672009

Tritanomaly
4280511099

Monochromacy



Original Color
4281034632

Achromatopsia
4284045657

Achromatomaly
4282932842

CSS Examples

Text

The CSS property to change the color of the text to Android 4281034632 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(43, 103, 136)` looks like.

```
.text, #text, p{  
    color:rgb(43, 103, 136)  
}
```

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(43, 103, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 103, 136) }
```

Border

The CSS property to change the border of an element to Android 4281034632 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(43, 103, 136) }
```

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

```
.border{ border-color:rgb(43, 103, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 103, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 103, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 103, 136);  
box-shadow:4px 4px 4px 4px rgb(43, 103,  
136) }
```

Background

The CSS property to change the background color of an element to Android 4281034632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 103, 136) }
```

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

```
.background{ background-color: rgb(43, 103,  
136) }
```

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