

Converting Colors

Android(4280245932)

Have a look what the booklet for
Android(4280245932) contains.

Android(4280245932)	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(4280245932)

Conversions

Conversions Part 1

Format	Color
Hex	1F5EAC
RGB	31, 94, 172
RGB Percent	12%, 37%, 67%
CMY	0.8784, 0.6314, 0.3255
CMYK	0.82, 0.45, 0.00, 0.33
HSL	213°, 69%, 40%
HSV	213°, 82%, 67%
XYZ	12.0142, 11.2753, 40.5729
YIQ	84.0550, -62.5860, 10.9020

Conversions

Conversions Part 2

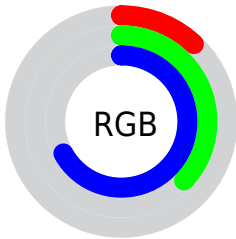
Format	Color
R_{YB}	31, 75, 172
Decimal	2055852
CIE _{Lab}	40.04, 9.38, -47.30
CIE _{LCh}	40, 48.220, 281.215
Yxy	11.2753, 0.1881, 0.1766
Android (android.graphics.Color)	4280245932 (0xFF1F5EAC)
YUV	84.0550, 43.3569, -46.5292
Hunter-Lab	33.5787, 5.1032, -48.1346

Details

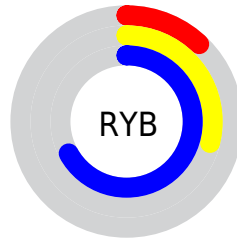
The Android color `4280245932` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4289490207`, and the grayscale version is `4283716692`.

A 20% lighter version of the original color is `4284715236`, and `4278202743` is the 20% darker color. If you saturate the color by 10%, you get `4279129260`, and if you desaturate by 10%, it is `4281362604`.

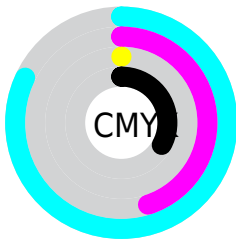
Distribution



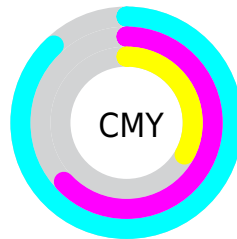
- Red (12%)
- Green (37%)
- Blue (67%)



- Red (12%)
- Yellow (29%)
- Blue (67%)



- Cyan (82%)
- Magenta (45%)
- Yellow (0%)
- Black (33%)



- Cyan (88%)
- Magenta (63%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280245932 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 4280245932 by changing the saturation by 10% instead.



4280245932



4280245932

4294967295



4278208401



4284715236



4278202743



4286687999



4278197598



4288595455



4278190406



4290503167



4278191150



4292476671



4278190361



4294443007



4278190080



4280245932



4280245932



4279129260



4281362604

■ 4278209964

■ 4282479020

■ 4283661228

■ 4284777644

■ 4285894316

■ 4287010732

■ 4288127404

■ 4289309356

■ 4290426028

Harmonies

Analogous

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



4278217385



4280245932



4285746586

Triad

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



4280245932



4288496172



4278218563

Complementary

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



4280245932



4289490207

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.



4281887261



4280245932



4286927627

Square

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



4280245932



4289017681



4284768512



4278219117

Rectangle

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



4280245932



4287578501



4284768512



4278218294

Sweetspot

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



4280245932



4289249760



4280265837



4283391600



4293980400



4285558896

Same Dimension

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



4280245932



4278478816



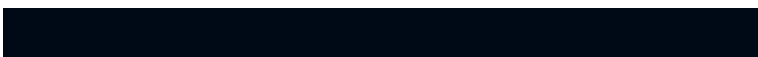
4280688556



4283322967



4278207382



4278192663

Inverse Universe

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



4289470302



4292871271



4289047583



4283911762



4288020547



4279697418

Previews

White Background



This preview shows how the Android color 4280245932 looks on a white background.

Color Contrast Check

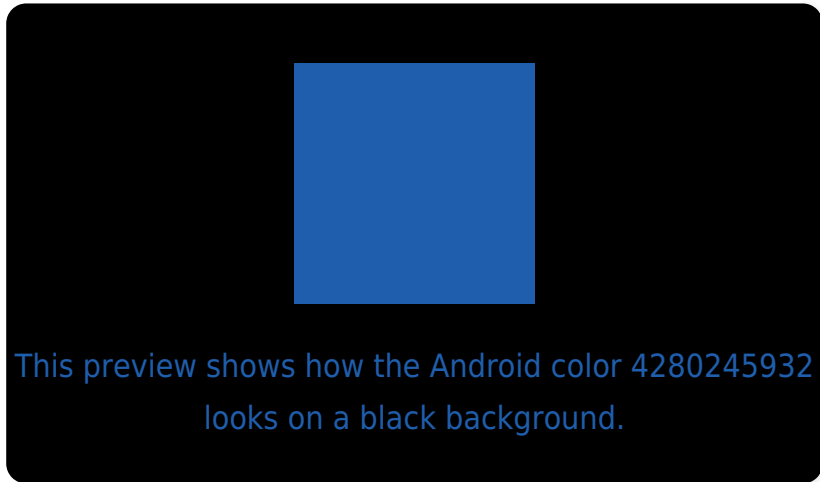
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280245932 Background



This preview shows how black text looks on a background with the Android color 4280245932.



This preview shows how white text looks on a background with the Android color 4280245932.

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
4280245932

Protanomaly
4281293994

Deuteranomaly
4278935466

Tritanomaly
4278936710

Monochromacy



Original Color
4280245932

Achromatopsia
4283716692

Achromatomaly
4282472564

CSS Examples

Text

The CSS property to change the color of the text to Android 4280245932 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(31, 94, 172)` looks like.

```
.text, #text, p{  
    color:rgb(31, 94, 172)  
}
```

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(31, 94, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 94, 172) }
```

Border

The CSS property to change the border of an element to Android 4280245932 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(31, 94, 172) }
```

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

```
.border{ border-color:rgb(31, 94, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 94, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 94, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 94, 172);  
box-shadow:4px 4px 4px 4px rgb(31, 94,  
172) }
```

Background

The CSS property to change the background color of an element to Android 4280245932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 94, 172) }
```

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

```
.background{ background-color: rgb(31, 94,  
172) }
```

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