

Converting Colors

Android(4281099457)

Have a look what the booklet for
Android(4281099457) contains.

Android(4281099457)	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(4281099457)

Conversions

Conversions Part 1

Format	Color
Hex	2C64C1
RGB	44, 100, 193
RGB Percent	17%, 39%, 76%
CMY	0.8275, 0.6078, 0.2431
CMYK	0.77, 0.48, 0.00, 0.24
HSL	217°, 63%, 46%
HSV	217°, 77%, 76%
XYZ	15.2215, 13.5001, 52.2556
YIQ	93.8580, -63.2290, 17.0510

Conversions

Conversions Part 2

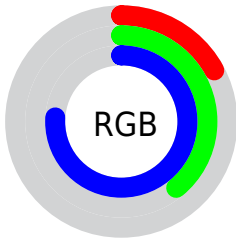
Format	Color
R_{YB}	44, 85, 193
Decimal	2909377
CIE _{Lab}	43.51, 15.03, -53.99
CIE _{LCh}	44, 56.040, 285.555
Yxy	13.5001, 0.1880, 0.1667
Android (android.graphics.Color)	4281099457 (0xFF2C64C1)
YUV	93.8580, 48.8770, -43.7255
Hunter-Lab	36.7424, 9.6490, -58.6033

Details

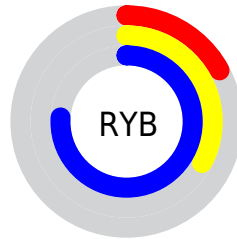
The Android color `4281099457` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark muted azure. A complement of this color would be `4290873644`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4285503226`, and `4278204043` is the 20% darker color. If you saturate the color by 10%, you get `4279851201`, and if you desaturate by 10%, it is `4282347713`.

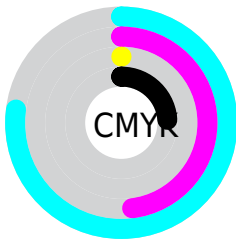
Distribution



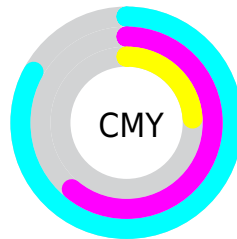
- Red (17%)
- Green (39%)
- Blue (76%)



- Red (17%)
- Yellow (33%)
- Blue (76%)



- Cyan (77%)
- Magenta (48%)
- Yellow (0%)
- Black (24%)



- Cyan (83%)
- Magenta (61%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281099457 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 4281099457 by changing the saturation by 10% instead.



4281099457



4281099457

4294967295



4278209957



4285503226



4278204043



4287476223



4278198897



4289449215



4278193495



4291422463



4278191679



4293394431



4278190888



4278190354



4278190080



4281099457



4281099457

■ 4279851201

■ 4282347713

■ 4278537409

■ 4283661505

■ 4278208961

■ 4284909761

■ 4286158017

■ 4287471809

■ 4288720065

■ 4289968321

■ 4291216577

■ 4292530369

Harmonies

Analogous

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



4278219713



4281099457



4287057832

Triad

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



4281099457



4289480741



4278221390

Complementary

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



4281099457



4290873644

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.



4281103903



4281099457



4287519744

Square

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



4281099457



4290328145



4284902400



4278221950

Rectangle

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



4281099457



4289019790



4284902400



4278221118

Sweetspot

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



4281099457



4290828026



4281123208



4284114813



4294769916



4286414205

Same Dimension

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



4281099457



4279331322



4282199233



4283915105



4278205601



4278193185

Inverse Universe

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



4290849892



4294578537



4289773868



4284569435



4288741436



4280352780

Previews

White Background



This preview shows how the Android color 4281099457 looks on a white background.

Color Contrast Check

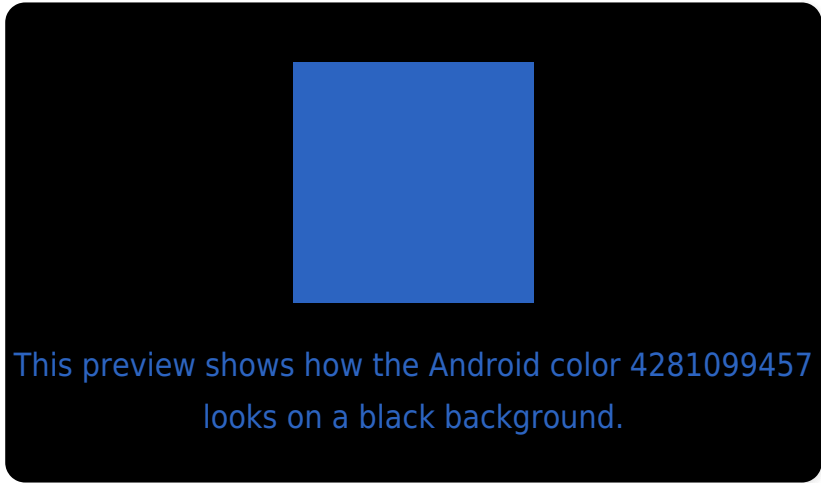
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281099457 Background



This preview shows how black text looks on a background with the Android color 4281099457.



This preview shows how white text looks on a background with the Android color 4281099457.

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

4281099457

Protanopia

4281623488

Deuteranopia

4278216887

Trichromacy



Original Color
4281099457

Protanomaly
4281426880

Deuteranomaly
4279265211

Tritanomaly
4279266708

Monochromacy



Original Color
4281099457

Achromatopsia
4284374622

Achromatomaly
4283195522

CSS Examples

Text

The CSS property to change the color of the text to Android 4281099457 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(44, 100, 193)` looks like.

```
.text, #text, p{  
    color:rgb(44, 100, 193)  
}
```

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(44, 100, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 100, 193) }
```

Border

The CSS property to change the border of an element to Android 4281099457 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(44, 100, 193) }
```

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

```
.border{ border-color:rgb(44, 100, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 100, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 100, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 100, 193);  
box-shadow:4px 4px 4px 4px rgb(44, 100,  
193) }
```

Background

The CSS property to change the background color of an element to Android 4281099457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 100, 193) }
```

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

```
.background{ background-color: rgb(44, 100,  
193) }
```

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](#).

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