

Converting Colors

Android(4281166527)

Have a look what the booklet for
Android(4281166527) contains.

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Color

Android(4281166527)

Conversions

Conversions Part 1

Format	Color
Hex	2D6ABF
RGB	45, 106, 191
RGB Percent	18%, 42%, 75%
CMY	0.8235, 0.5843, 0.2510
CMYK	0.76, 0.45, 0.00, 0.25
HSL	215°, 62%, 46%
HSV	215°, 76%, 75%
XYZ	15.6402, 14.6275, 51.2893
YIQ	97.4510, -63.6410, 13.5030

Conversions

Conversions Part 2

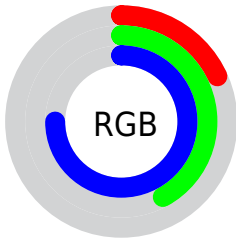
Format	Color
R _Y B	45, 88, 191
Decimal	2976447
CIE Lab	45.12, 10.54, -50.24
CIE LCh	45, 51.331, 281.854
Yxy	14.6275, 0.1918, 0.1794
Android (android.graphics.Color)	4281166527 (0xFF2D6ABF)
YUV	97.4510, 46.1197, -45.9995
Hunter-Lab	38.2460, 6.0648, -52.7379

Details

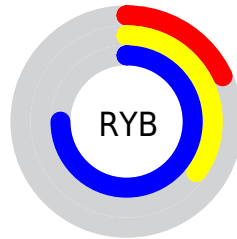
The Android color `4281166527` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4290740781`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4285505016`, and `4278205577` is the 20% darker color. If you saturate the color by 10%, you get `4279918527`, and if you desaturate by 10%, it is `4282414527`.

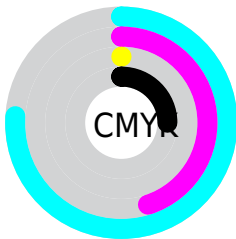
Distribution



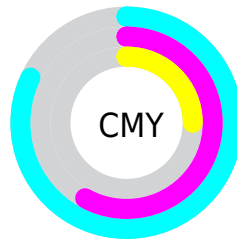
- Red (18%)
- Green (42%)
- Blue (75%)



- Red (18%)
- Yellow (35%)
- Blue (75%)



- Cyan (76%)
- Magenta (45%)
- Yellow (0%)
- Black (25%)



- Cyan (82%)
- Magenta (58%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281166527 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 4281166527 by changing the saturation by 10% instead.



4281166527



4281166527

4294967295



4278211236



4285505016



4278205577



4287477759



4278200175



4289451007



4278195030



4291358719



4278191678



4293328895



4278190887



4278190353



4278190080



4281166527



4281166527

■ 4279918527

■ 4282414527

■ 4278670527

■ 4283662527

■ 4278210751

■ 4284910527

■ 4286158527

■ 4287472319

■ 4288720319

■ 4289968319

■ 4291216319

■ 4292464319

Harmonies

Analogous

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



4278220732



4281166527



4286732459

Triad

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



4281166527



4289678643



4278222158

Complementary

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



4281166527



4290740781

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.



4282415141



4281166527



4287979281

Square

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



4281166527



4290265180



4285558276



4278222715

Rectangle

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



4281166527



4288695188



4285558276



4278221888

Sweetspot

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



4281166527



4290696951



4281188224



4284115325



4294769916



4286414205

Same Dimension

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



4281166527



4279530487



4281806271



4283783518



4278207134



4278193439

Inverse Universe

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



4290719082



4294382707



4290101037



4284372313



4288544834



4280221709

Previews

White Background



This preview shows how the Android color 4281166527 looks on a white background.

Color Contrast Check

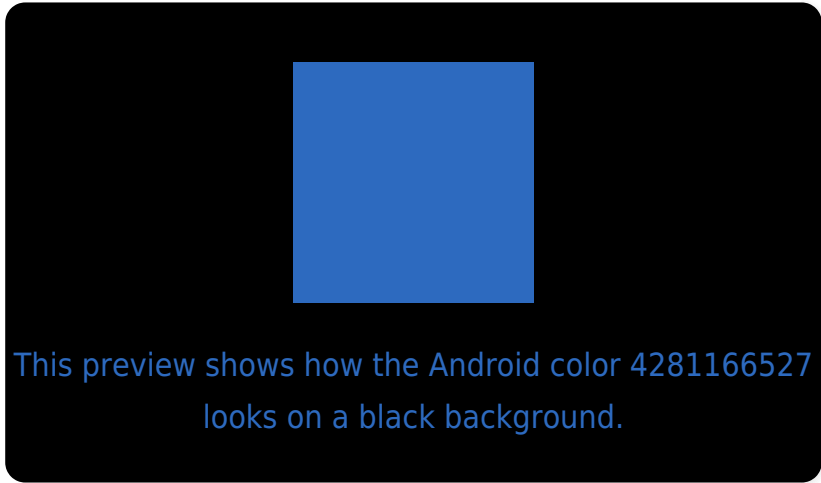
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281166527 Background



This preview shows how black text looks on a background with the Android color 4281166527.



This preview shows how white text looks on a background with the Android color 4281166527.

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

4281166527

Protanopia

4282542012

Deuteranopia

4279528638

Trichromacy



Original Color
4281166527

Protanomaly
4282017981

Deuteranomaly
4280118206

Tritanomaly
4279267990

Monochromacy



Original Color
4281166527

Achromatopsia
4284572001

Achromatomaly
4283327619

CSS Examples

Text

The CSS property to change the color of the text to Android 4281166527 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(45, 106, 191)` looks like.

```
.text, #text, p{  
    color:rgb(45, 106, 191)  
}
```

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(45, 106, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 106, 191) }
```

Border

The CSS property to change the border of an element to Android 4281166527 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(45, 106, 191) }
```

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

```
.border{ border-color:rgb(45, 106, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 106, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 106, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 106, 191);  
box-shadow:4px 4px 4px 4px rgb(45, 106,  
191) }
```

Background

The CSS property to change the background color of an element to Android 4281166527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 106, 191) }
```

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

```
.background{ background-color: rgb(45, 106,  
191) }
```

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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