

Converting Colors

Android(4281178827)

Have a look what the booklet for
Android(4281178827) contains.

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Color

Android(4281178827)

Conversions

Conversions Part 1

Format	Color
Hex	2D9ACB
RGB	45, 154, 203
RGB Percent	18%, 60%, 80%
CMY	0.8235, 0.3961, 0.2039
CMYK	0.78, 0.24, 0.00, 0.20
HSL	199°, 64%, 49%
HSV	199°, 78%, 80%
XYZ	23.4173, 27.9809, 60.6665
YIQ	126.9950, -80.6930, -7.8690

Conversions

Conversions Part 2

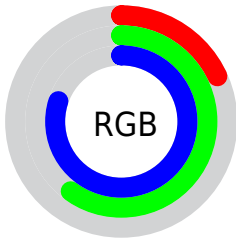
Format	Color
R_{YB}	45, 110, 203
Decimal	2988747
CIE _{Lab}	59.87, -13.58, -33.76
CIE _{LCh}	60, 36.390, 248.086
Yxy	27.9809, 0.2090, 0.2497
Android (android.graphics.Color)	4281178827 (0xFF2D9ACB)
YUV	126.9950, 37.4705, -71.9096
Hunter-Lab	52.8970, -13.5484, -30.9707

Details

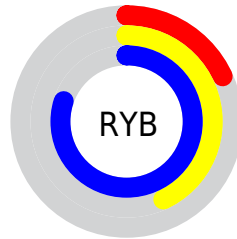
The Android color `4281178827` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark muted azure. A complement of this color would be `4291517997`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4285780223`, and `4278216597` is the 20% darker color. If you saturate the color by 10%, you get `4279866571`, and if you desaturate by 10%, it is `4282491083`.

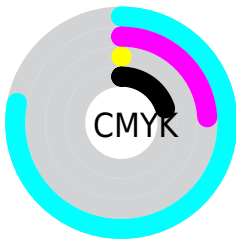
Distribution



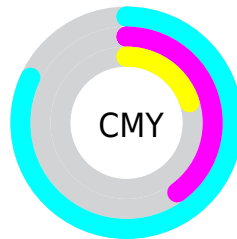
- Red (18%)
- Green (60%)
- Blue (80%)



- Red (18%)
- Yellow (43%)
- Blue (80%)



- Cyan (78%)
- Magenta (24%)
- Yellow (0%)
- Black (20%)




- Cyan (82%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281178827 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 4281178827 by changing the saturation by 10% instead.

 4281178827

 4281178827

4294967295

 4278223023

 4285780223

 4278216597

 4287753727

 4278210427

 4289724415

 4278204514

 4291690495


 4278199113

 4293722111

 4278191155

 4278190621

 4278190080

 4281178827

 4281178827

■ 4279866571

■ 4282491083

■ 4278488523

■ 4283869131

■ 4278226123

■ 4285181387

■ 4286493643

■ 4287871435

■ 4289183947

■ 4290496203

■ 4291808459

■ 4293186507

Harmonies

Analogous

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



4278231223



4281178827



4285501903

Triad

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



4281178827



4291721097



4286224989

Complementary

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



4281178827



4291517997

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.



4288450896



4281178827



4291460202

Square

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



4281178827



4290738857



4290283093



4283539319

Rectangle

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



4281178827



4287662537



4290283093



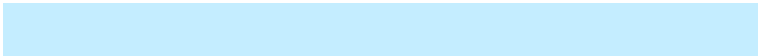
4287010646

Sweetspot

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



4281178827



4291096063



4281191260



4284249216



4278190080



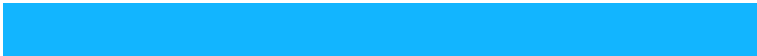
4286611584

Same Dimension

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



4281178827



4279416319



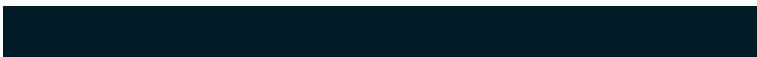
4281159115



4284244838



4278219430



4278196774

Inverse Universe

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



4291505562



4294906549



4291537709



4284898403



4289069170



4280680474

Previews

White Background



This preview shows how the Android color 4281178827 looks on a white 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

Black Background



This preview shows how the Android color 4281178827 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4281178827 Background



This preview shows how black text looks on a background with the Android color 4281178827.



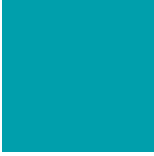
This preview shows how white text looks on a background with the Android color 4281178827.

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
4281178827

Protanomaly
4284650181

Deuteranomaly
4284256973

Tritanomaly
4279279031

Monochromacy



Original Color
4281178827

Achromatopsia
4286545791

Achromatomaly
4284582299

CSS Examples

Text

The CSS property to change the color of the text to Android 4281178827 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, 154, 203)` looks like.

```
.text, #text, p{  
    color:rgb(45, 154, 203)  
}
```

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, 154, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 154, 203) }
```

Border

The CSS property to change the border of an element to Android 4281178827 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, 154, 203) }
```

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

```
.border{ border-color:rgb(45, 154, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 154, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 154, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 154, 203);  
box-shadow:4px 4px 4px 4px rgb(45, 154,  
203) }
```

Background

The CSS property to change the background color of an element to Android 4281178827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 154, 203) }
```

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

```
.background{ background-color: rgb(45, 154,  
203) }
```

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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