

Converting Colors

Android(4280714168)

Have a look what the booklet for
Android(4280714168) contains.

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Color

Android(4280714168)

Conversions

Conversions Part 1

Format	Color
Hex	2683B8
RGB	38, 131, 184
RGB Percent	15%, 51%, 72%
CMY	0.8510, 0.4863, 0.2784
CMYK	0.79, 0.29, 0.00, 0.28
HSL	202°, 66%, 44%
HSV	202°, 79%, 72%
XYZ	17.5674, 20.1054, 48.3022
YIQ	109.2350, -72.4410, -3.2330

Conversions

Conversions Part 2

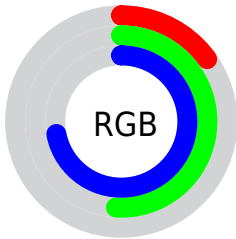
Format	Color
RYB	38, 95, 184
Decimal	2524088
CIELab	51.96, -8.10, -35.37
CIELCh	52, 36.284, 257.098
Yxy	20.1054, 0.2043, 0.2339
Android (android.graphics.Color)	4280714168 (0xFF2683B8)
YUV	109.2350, 36.8591, -62.4731
Hunter-Lab	44.8390, -8.5342, -32.4821

Details

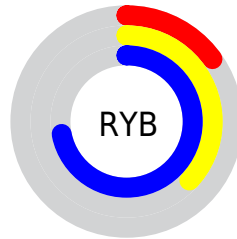
The Android color `4280714168` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `4290272038`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4285184240`, and `4278211203` is the 20% darker color. If you saturate the color by 10%, you get `4279532728`, and if you desaturate by 10%, it is `4281895608`.

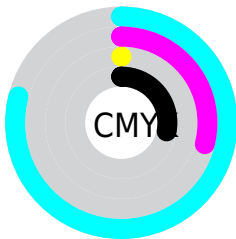
Distribution



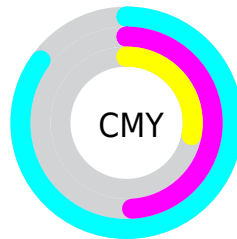
- Red (15%)
- Green (51%)
- Blue (72%)



- Red (15%)
- Yellow (37%)
- Blue (72%)



- Cyan (79%)
- Magenta (29%)
- Yellow (0%)
- Black (28%)



- Cyan (85%)
- Magenta (49%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280714168 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 4280714168 by changing the saturation by 10% instead.

 4280714168

 4280714168

4294967295

 4278217373

 4285184240


 4278211203

 4287157247

 4278205289

 4289065215

 4278199889

 4291035135

 4278194489

 4293001215

 4278190627

 4278190090

 4278190080

 4280714168

 4280714168

■ 4279532728

■ 4281895608

■ 4278286008

■ 4283142328

■ 4278220216

■ 4284323768

■ 4285570744

■ 4286751928

■ 4287933368

■ 4289180344

■ 4290361528

■ 4291608504

Harmonies

Analogous

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



4278225321



4280714168



4285168055

Triad

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



4280714168



4290208619



4284122960

Complementary

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



4280714168



4290272038

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.



4286480447



4280714168



4289686096

Square

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



4280714168



4289684619



4288378175



4281043821

Rectangle

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



4280714168



4287132078



4288378175



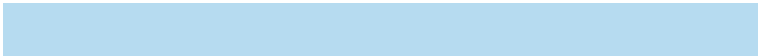
4284974409

Sweetspot

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



4280714168



4290173936



4280727641



4283788152



4294440951



4286085240

Same Dimension

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



4280714168



4279016944



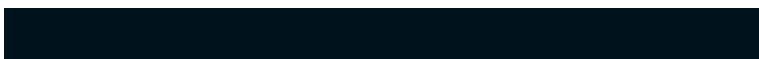
4280695992



4283652188



4278215580



4278194716

Inverse Universe

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



4290258563



4293921949



4290290214



4284240728



4288413795



4280025106

Previews

White Background



This preview shows how the Android color 4280714168 looks on a white background.

Color Contrast Check

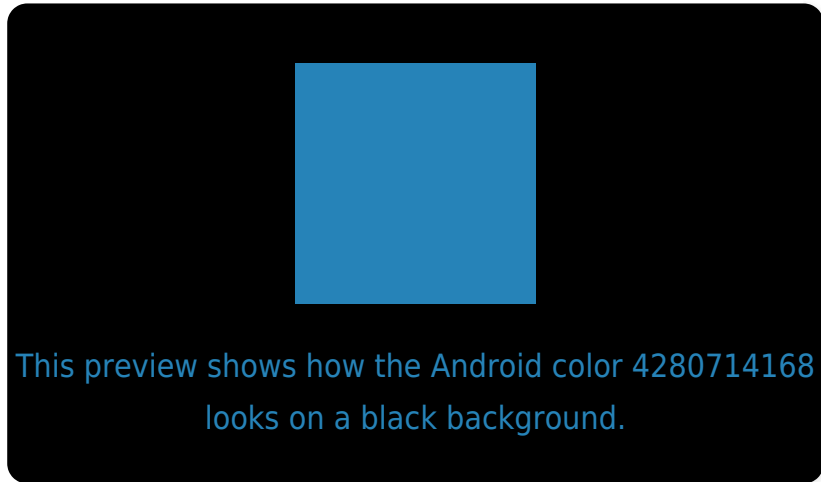
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



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 4280714168 Background



This preview shows how black text looks on a background with the Android color 4280714168.

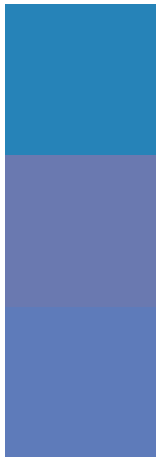


This preview shows how white text looks on a background with the Android color 4280714168.

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
4280714168

Protanopia
4285168048

Deuteranopia
4284382138

Trichromacy



Original Color
4280714168

Protanomaly
4283530675

Deuteranomaly
4283072185

Tritanomaly
4279142305

Monochromacy



Original Color
4280714168

Achromatopsia
4285361517

Achromatomaly
4283659656

CSS Examples

Text

The CSS property to change the color of the text to Android 4280714168 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(38, 131, 184)` looks like.

```
.text, #text, p{  
    color:rgb(38, 131, 184)  
}
```

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(38, 131, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 131, 184) }
```

Border

The CSS property to change the border of an element to Android 4280714168 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(38, 131, 184) }
```

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

```
.border{ border-color:rgb(38, 131, 184) }
```

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

Here you see how a box with a 4 pixel rgb(38, 131, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 131, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 131, 184);  
box-shadow:4px 4px 4px 4px rgb(38, 131,  
184) }
```

Background

The CSS property to change the background color of an element to Android 4280714168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 131, 184) }
```

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

```
.background{ background-color: rgb(38, 131,  
184) }
```

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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