

Converting Colors

Android(4280651216)

Have a look what the booklet for
Android(4280651216) contains.

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Color

Android(4280651216)

Conversions

Conversions Part 1

Format	Color
Hex	258DD0
RGB	37, 141, 208
RGB Percent	15%, 55%, 82%
CMY	0.8549, 0.4471, 0.1843
CMYK	0.82, 0.32, 0.00, 0.18
HSL	204°, 70%, 48%
HSV	204°, 82%, 82%
XYZ	21.6730, 23.9971, 63.1641
YIQ	117.5420, -83.4910, -1.2110

Conversions

Conversions Part 2

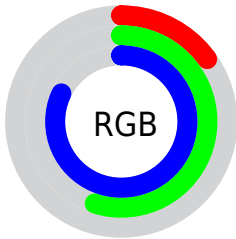
Format	Color
R_{YB}	37, 102, 208
Decimal	2461136
CIE _{Lab}	56.08, -5.24, -42.52
CIE _{LCh}	56, 42.839, 262.968
Yxy	23.9971, 0.1991, 0.2205
Android (android.graphics.Color)	4280651216 (0xFF258DD0)
YUV	117.5420, 44.5958, -70.6353
Hunter-Lab	48.9869, -6.7542, -42.1583

Details

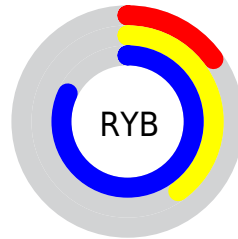
The Android color `4280651216` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark washed azure. A complement of this color would be `4291848229`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4285514495`, and `4278213529` is the 20% darker color. If you saturate the color by 10%, you get `4279272912`, and if you desaturate by 10%, it is `4282029520`.

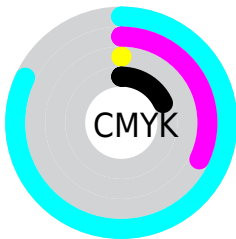
Distribution



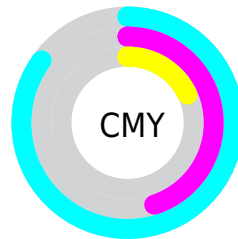
- Red (15%)
- Green (55%)
- Blue (82%)



- Red (15%)
- Yellow (40%)
- Blue (82%)



- Cyan (82%)
- Magenta (32%)
- Yellow (0%)
- Black (18%)



















- Cyan (85%)
- Magenta (45%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280651216 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 4280651216 by changing the saturation by 10% instead.

 4280651216	 4280651216
4294967295	 4278219956
 4285514495	 4278213529
 4287553279	 4278207615
 4289526783	 4278201957
 4291493887	 4278196813
 4293525503	 4278191414
	 4278190624
	 4278190083
	 4278190080

■ 4280651216

■ 4280651216

■ 4279272912

■ 4282029520

■ 4278222800

■ 4283407824

■ 4284720592

■ 4286099152

■ 4287477456

■ 4288855760

■ 4290234064

■ 4291546832

■ 4292925136

Harmonies

Analogous

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



4278228417



4280651216



4286283979

Triad

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



4280651216



4291586411



4283667800

Complementary

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



4280651216



4291848229

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.



4286614847



4280651216



4290737228

Square

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



4280651216



4291258513



4288971067



4278229372

Rectangle

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



4280651216



4288575165



4288971067



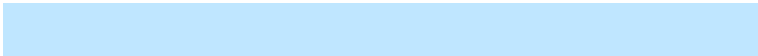
4284781390

Sweetspot

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



4280651216



4290766591



4280668263



4284051840



4278190080



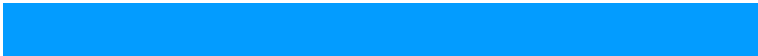
4286611584

Same Dimension

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



4280651216



4278426879



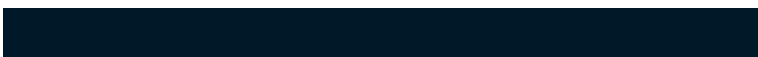
4280629712



4284376169



4278216360



4278196521

Inverse Universe

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



4291831181



4294902684



4291869733



4285095524



4289200230



4280877081

Previews

White Background



This preview shows how the Android color 4280651216 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 4280651216 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 4280651216 Background



This preview shows how black text looks on a background with the Android color 4280651216.



This preview shows how white text looks on a background with the Android color 4280651216.

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
4280651216

Protanomaly
4283664331

Deuteranomaly
4282943953

Tritanomaly
4279079601

Monochromacy



Original Color
4280651216

Achromatopsia
4285953654

Achromatomaly
4284055191

CSS Examples

Text

The CSS property to change the color of the text to Android 4280651216 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(37, 141, 208)` looks like.

```
.text, #text, p{  
    color:rgb(37, 141, 208)  
}
```

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(37, 141, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 141, 208) }
```

Border

The CSS property to change the border of an element to Android 4280651216 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(37, 141, 208) }
```

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

```
.border{ border-color:rgb(37, 141, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 141, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 141, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 141, 208);  
box-shadow:4px 4px 4px 4px rgb(37, 141,  
208) }
```

Background

The CSS property to change the background color of an element to Android 4280651216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 141, 208) }
```

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

```
.background{ background-color: rgb(37, 141,  
208) }
```

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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