

Converting Colors

Android(4283275736)

Have a look what the booklet for
Android(4283275736) contains.

Android(4283275736)	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(4283275736)

Conversions

Conversions Part 1

Format	Color
Hex	4D99D8
RGB	77, 153, 216
RGB Percent	30%, 60%, 85%
CMY	0.6980, 0.4000, 0.1529
CMYK	0.64, 0.29, 0.00, 0.15
HSL	207°, 64%, 57%
HSV	207°, 64%, 85%
XYZ	26.8465, 29.3181, 69.2097
YIQ	137.4580, -65.5190, 3.4810

Conversions

Conversions Part 2

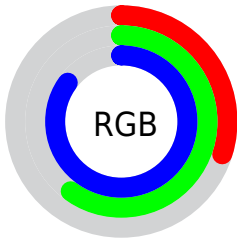
Format	Color
RYB	77, 126, 216
Decimal	5085656
CIELab	61.06, -4.10, -39.10
CIELCh	61, 39.312, 264.012
Yxy	29.3181, 0.2141, 0.2338
Android (android.graphics.Color)	4283275736 (0xFF4D99D8)
YUV	137.4580, 38.7212, -53.0217
Hunter-Lab	54.1462, -6.2530, -37.8822

Details

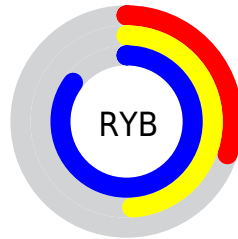
The Android color `4283275736` is a dark color, and the websafe version is hex `6699CC`. The color can be described as middle muted azure. A complement of this color would be `4292381773`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4287287295`, and `4278216353` is the 20% darker color. If you saturate the color by 10%, you get `4281831384`, and if you desaturate by 10%, it is `4284720088`.

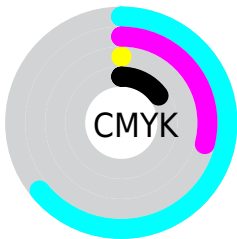
Distribution



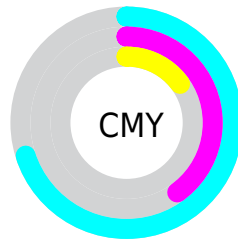
- Red (30%)
- Green (60%)
- Blue (85%)



- Red (30%)
- Yellow (49%)
- Blue (85%)



- Cyan (64%)
- Magenta (29%)
- Yellow (0%)
- Black (15%)


















- Cyan (70%)
- Magenta (40%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283275736 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 4283275736 by changing the saturation by 10% instead.

 4283275736	 4283275736
4294967295	 4280909756
 4287287295	 4278216353
 4289260543	 4278210438
 4291166207	 4278204525
 4293132287	 4278199124
	 4278193469
	 4278190886
	 4278190351
	 4278190080

■ 4283275736

■ 4283275736

■ 4281831384

■ 4284720088

■ 4280452568

■ 4286098904

■ 4279008472

■ 4287543000

■ 4278220504

■ 4288921816

■ 4290366168

■ 4291810520

■ 4293189336

■ 4294633432

■ 4294963672

Harmonies

Analogous

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



4278231499



4283275736



4287401427

Triad

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



4283275736



4292245881



4284785001

Complementary

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



4283275736



4292381773

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.



4287470162



4283275736



4291396444

Square

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



4283275736



4291917980



4289695565



4281050507

Rectangle

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



4283275736



4289496262



4289695565



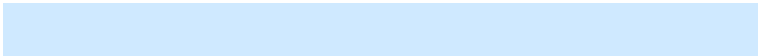
4285701984

Sweetspot

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



4283275736



4291815935



4283291788



4284641920



4278190080



4286611584

Same Dimension

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



4283275736



4282099455



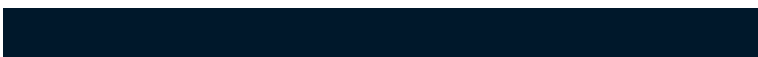
4283258072



4284507755



4278214059



4278196267

Inverse Universe

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



4292365721



4294917030



4292399437



4285227110



4289396829



4281008152

Previews

White Background



This preview shows how the Android color 4283275736 looks on a white background.

Color Contrast Check

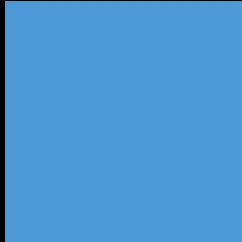
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283275736 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 4283275736 Background



This preview shows how black text looks on a background with the Android color 4283275736.



This preview shows how white text looks on a background with the Android color 4283275736.

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
4283275736

Protanomaly
4285305812

Deuteranomaly
4284847577

Tritanomaly
4282293949

Monochromacy



Original Color
4283275736

Achromatopsia
4287203721

Achromatomaly
4285763494

CSS Examples

Text

The CSS property to change the color of the text to Android 4283275736 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(77, 153, 216)` looks like.

```
.text, #text, p{  
    color:rgb(77, 153, 216)  
}
```

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(77, 153, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 153, 216) }
```

Border

The CSS property to change the border of an element to Android 4283275736 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(77, 153, 216) }
```

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

```
.border{ border-color:rgb(77, 153, 216) }
```

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

Here you see how a box with a 4 pixel rgb(77, 153, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 153, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 153, 216);  
box-shadow:4px 4px 4px 4px rgb(77, 153,  
216) }
```

Background

The CSS property to change the background color of an element to Android 4283275736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 153, 216) }
```

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

```
.background{ background-color: rgb(77, 153,  
216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor