

Converting Colors

Android(4283287523)

Have a look what the booklet for
Android(4283287523) contains.

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Color

Android(4283287523)

Conversions

Conversions Part 1

Format	Color
Hex	4DC7E3
RGB	77, 199, 227
RGB Percent	30%, 78%, 89%
CMY	0.6980, 0.2196, 0.1098
CMYK	0.66, 0.12, 0.00, 0.11
HSL	191°, 73%, 60%
HSV	191°, 66%, 89%
XYZ	37.3491, 47.9707, 79.9638
YIQ	165.7140, -81.7000, -17.1560

Conversions

Conversions Part 2

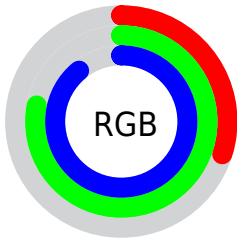
Format	Color
RYB	77, 144, 227
Decimal	5097443
CIELab	74.81, -25.18, -23.88
CIELCh	75, 34.703, 223.483
Yxy	47.9707, 0.2260, 0.2902
Android (android.graphics.Color)	4283287523 (0xFF4DC7E3)
YUV	165.7140, 30.2140, -77.8022
Hunter-Lab	69.2609, -24.9499, -19.9695

Details

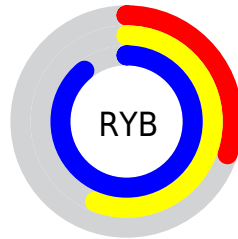
The Android color `4283287523` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light muted cyan. A complement of this color would be `4293093709`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4287561727`, and `4278227372` is the 20% darker color. If you saturate the color by 10%, you get `4281779171`, and if you desaturate by 10%, it is `4284795875`.

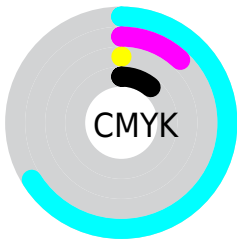
Distribution



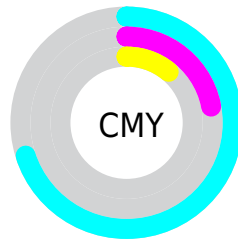
- Red (30%)
- Green (78%)
- Blue (89%)



- Red (30%)
- Yellow (56%)
- Blue (89%)



- Cyan (66%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)


















- Cyan (70%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283287523 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 4283287523 by changing the saturation by 10% instead.

 4283287523	 4283287523
4294967295	 4280528071
 4287561727	 4278227372
 4289527807	 4278220689
 4291493887	 4278214263
 4293525503	 4278208094
	 4278202183
	 4278197040
	 4278190363
	 4278190080

■ 4283287523

■ 4283287523

■ 4281779171

■ 4284795875

■ 4280336355

■ 4286238691

■ 4278827747

■ 4287747299

■ 4278237667

■ 4289255651

■ 4290698467

■ 4292206819

■ 4293715427

■ 4294961635

■ 4294962659

Harmonies

Analogous

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



4283681478



4283287523



4285710581

Triad

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



4283287523



4293698251



4290820985

Complementary

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



4283287523



4293093709

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.



4292784251



4283287523



4294418603

Square

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



4283287523



4291734503



4294092430



4288463753

Rectangle

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



4283287523



4287871735



4294092430



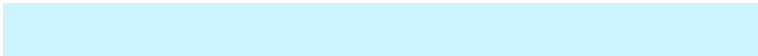
4291475320

Sweetspot

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



4283287523



4291622399



4283294568



4284578432



4278190080



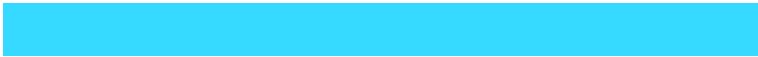
4286611584

Same Dimension

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



4283287523



4281784831



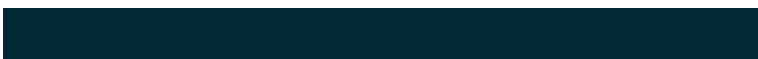
4283268323



4284969331



4278227379



4278200627

Inverse Universe

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



4293086663



4294915801



4293112653



4285753201



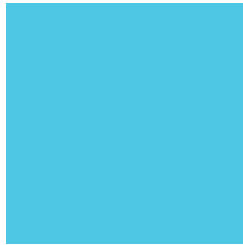
4289921169



4281532457

Previews

White Background



This preview shows how the Android color 4283287523 looks on a white background.

Color Contrast Check

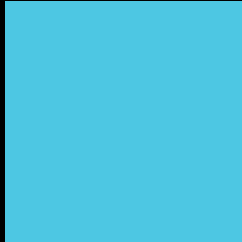
Large Text (above 18pt) WCAG AA × Fail

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 4283287523 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 ✓ Pass

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

Android 4283287523 Background



This preview shows how black text looks on a background with the Android color 4283287523.



This preview shows how white text looks on a background with the Android color 4283287523.

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](#).

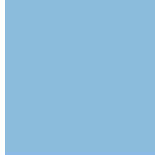
Dichromacy



Trichromacy



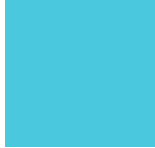
Original Color
4283287523



Protanomaly
4287413467



Deuteranomaly
4287347430

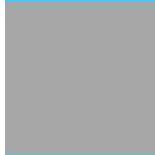


Tritanomaly
4283091165

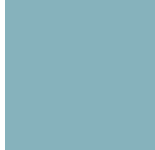
Monochromacy



Original Color
4283287523



Achromatopsia
4289111718



Achromatomaly
4287017660

CSS Examples

Text

The CSS property to change the color of the text to Android 4283287523 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, 199, 227)` looks like.

```
.text, #text, p{  
    color:rgb(77, 199, 227)  
}
```

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, 199, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 199, 227) }
```

Border

The CSS property to change the border of an element to Android 4283287523 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, 199, 227) }
```

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

```
.border{ border-color:rgb(77, 199, 227) }
```

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

Here you see how a box with a 4 pixel rgb(77, 199, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 199, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 199, 227);  
box-shadow:4px 4px 4px 4px rgb(77, 199,  
227) }
```

Background

The CSS property to change the background color of an element to Android 4283287523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 199, 227) }
```

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

```
.background{ background-color: rgb(77, 199,  
227) }
```

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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