

# Converting Colors

Android(4283677651)

Have a look what the booklet for  
Android(4283677651) contains.

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# **Color**

**Android(4283677651)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 53BBD3                       |
| RGB         | 83, 187, 211                 |
| RGB Percent | 33%, 73%, 83%                |
| CMY         | 0.6745, 0.2667, 0.1725       |
| CMYK        | 0.61, 0.11, 0.00, 0.17       |
| HSL         | 191°, 59%, 58%               |
| HSV         | 191°, 61%, 83%               |
| XYZ         | 33.0955, 42.0828, 68.0065    |
| YIQ         | 158.6400, -69.6880, -14.5840 |

# Conversions

## Conversions Part 2

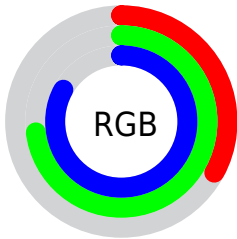
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>YB</sub>                     | 83, 140, 211                   |
| Decimal                             | 5487571                        |
| CIE Lab                             | 70.93, -22.93, -21.08          |
| CIE LCh                             | 71, 31.149, 222.599            |
| Yxy                                 | 42.0828, 0.2311,<br>0.2939     |
| Android<br>(android.graphics.Color) | 4283677651<br>(0xFF53BBD3)     |
| YUV                                 | 158.6400, 25.8135,<br>-66.3363 |
| Hunter-Lab                          | 64.8713, -22.4591,<br>-16.7456 |

# Details

The Android color `4283677651` is a light color, and the websafe version is hex `66CCCC`. The color can be described as light muted azure. A complement of this color would be `4292045651`, and the grayscale version is `4288585374`.

A 20% lighter version of the original color is `4287689727`, and `4278224540` is the 20% darker color. If you saturate the color by 10%, you get `4282300371`, and if you desaturate by 10%, it is `4285054931`.

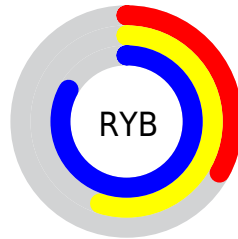
# Distribution



Red (33%)

Green (73%)

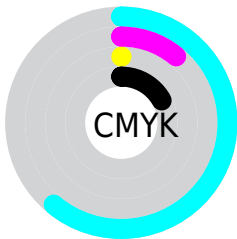
Blue (83%)



Red (33%)

Yellow (55%)

Blue (83%)

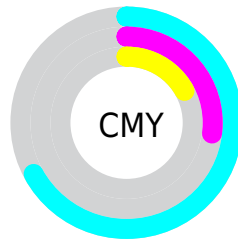


Cyan (61%)

Magenta (11%)

Yellow (0%)

Black (17%)



Cyan (67%)

Magenta (27%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283677651 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 4283677651 by changing the saturation by 10% instead.



 4283677651

 4283677651

4294967295

 4281376951

 4287689727

 4278224540

 4289593343

 4278217858

 4291559423

 4278211689

 4293525503

 4278205521

 4278199866

 4278192420

 4278190349

 4278190080

■ 4283677651

■ 4283677651

■ 4282300371

■ 4285054931

■ 4280923091

■ 4286432211

■ 4279545811

■ 4287809491

■ 4278234067

■ 4289186771

■ 4290564051

■ 4292006867

■ 4293384147

■ 4294761427

■ 4294959059

# Harmonies

## Analogous

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



4284005817



4283677651



4285576675

# Triad

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



4283677651



4292582079



4290097270

# Complementary

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



4283677651



4292045651

# 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.



4291864184



4283677651



4293302434

# Square

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



4283677651



4290880215



4293041544



4288067459

# Rectangle

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



4283677651



4287410150



4293041544



4290751861

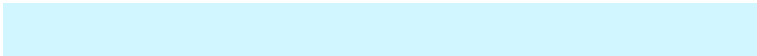


# Sweetspot

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



4283677651



4291950335



4283683690



4284709504



4278190080



4286611584



# Same Dimension

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



4283677651



4282768639



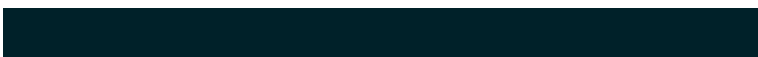
4283661523



4284376937



4278225320



4278198569



# Inverse Universe

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



4292039611



4294919644



4292061779



4285095527



4289200265

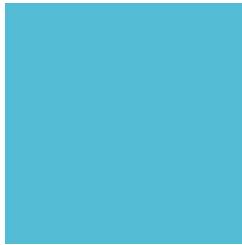


4280877089



# Previews

## White Background



This preview shows how the Android color 4283677651 looks on a white background.

## Color Contrast Check

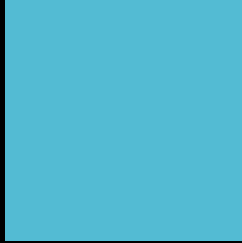
Large Text (above 18pt) WCAG AA × Fail

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 4283677651 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 4283677651 Background



This preview shows how black text looks on a background with the Android color 4283677651.



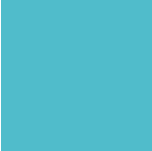
This preview shows how white text looks on a background with the Android color 4283677651.

# 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





**Tritanopia**  
4283481291

# Trichromacy



**Original Color**  
4283677651



**Protanomaly**  
4287148492



**Deuteranomaly**  
4287148246



**Tritanomaly**  
4283546830

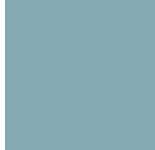
# Monochromacy



**Original Color**  
4283677651



**Achromatopsia**  
4288651167



**Achromatomaly**  
4286818738

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283677651 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(83, 187, 211)` looks like.

```
.text, #text, p{  
    color:rgb(83, 187, 211)  
}
```

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(83, 187, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 187, 211) }
```

## Border

The CSS property to change the border of an element to Android 4283677651 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(83, 187, 211) }
```

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

```
.border{ border-color:rgb(83, 187, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 187, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 187, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 187, 211);  
box-shadow:4px 4px 4px 4px rgb(83, 187,  
211) }
```

# Background

The CSS property to change the background color of an element to Android 4283677651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 187, 211) }
```

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

```
.background{ background-color: rgb(83, 187,  
211) }
```

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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