

# Converting Colors

Android(4282695395)

Have a look what the booklet for  
Android(4282695395) contains.

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# **Color**

**Android(4282695395)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44BEE3
RGB	68, 190, 227
RGB Percent	27%, 75%, 89%
CMY	0.7333, 0.2549, 0.1098
CMYK	0.70, 0.16, 0.00, 0.11
HSL	194°, 74%, 58%
HSV	194°, 70%, 89%
XYZ	34.6625, 43.6019, 79.2621
YIQ	157.7400, -84.5890, -14.3570

# Conversions

## Conversions Part 2

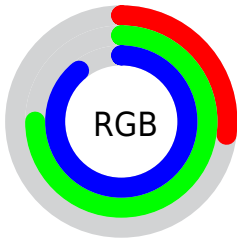
Format	Color
<a href="#">RYB</a>	<a href="#">68, 137, 227</a>
Decimal	<a href="#">4505315</a>
CIELab	<a href="#">71.96, -21.92, -28.26</a>
CIELCh	<a href="#">72, 35.761, 232.199</a>
Yxy	<a href="#">43.6019, 0.2200, 0.2768</a>
Android (android.graphics.Color)	<a href="#">4282695395 (0xFF44BEE3)</a>
YUV	<a href="#">157.7400, 34.1452, -78.7020</a>
Hunter-Lab	<a href="#">66.0317, -21.8544, -24.9474</a>

# Details

The Android color `4282695395` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light muted azure. A complement of this color would be `4293093700`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4287100671`, and `4278225068` is the 20% darker color. If you saturate the color by 10%, you get `4281186787`, and if you desaturate by 10%, it is `4284204003`.

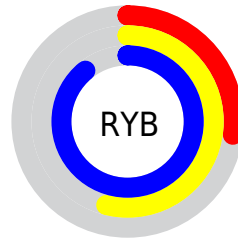
# Distribution



Red (27%)

Green (75%)

Blue (89%)



Red (27%)

Yellow (54%)

Blue (89%)

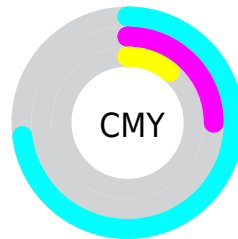


Cyan (70%)

Magenta (16%)

Yellow (0%)

Black (11%)



Cyan (73%)

Magenta (25%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282695395 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 4282695395 by changing the saturation by 10% instead.





4282695395



4282695395

4294967295



4279215047



4287100671



4278225068



4289069055



4278218641



4291100671



4278212215



4293132287



4278206302



4278200646



4278194224



4278190363



4278190080

■ 4282695395

■ 4282695395

■ 4281186787

■ 4284204003

■ 4279743459

■ 4285647331

■ 4278234851

■ 4287155939

■ 4288664547

■ 4290107619

■ 4291616483

■ 4293125091

■ 4294633699

■ 4294962915

# Harmonies

## Analogous

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



4282172104



4282695395



4285904624

# Triad

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



4282695395



4293564602



4289640051

# Complementary

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



4282695395



4293093700

# 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.



4291734384



4282695395



4294023577

# Square

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



4282695395



4291993817



4293304446



4287151751

# Rectangle

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



4282695395



4288196592



4293304446



4290360176

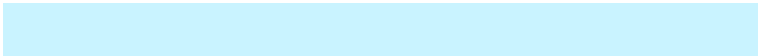


# Sweetspot

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



4282695395



4291425279



4282704742



4284512384



4278190080



4286611584



# Same Dimension

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



4282695395



4280929791



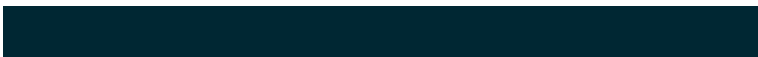
4282675683



4284969075



4278225331



4278200115



# Inverse Universe

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



4293084350



4294912461



4293113412



4285753200



4289921161



4281532455



# Previews

## White Background



This preview shows how the Android color 4282695395 looks on a white background.

## Color Contrast Check

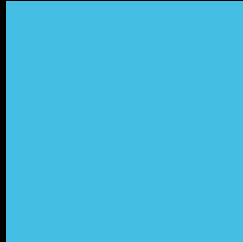
Large Text (above 18pt) WCAG AA × Fail

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 4282695395 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 4282695395 Background



This preview shows how black text looks on a background with the Android color 4282695395.



This preview shows how white text looks on a background with the Android color 4282695395.

# 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**

4282695395



**Protanomaly**

4286755803



**Deuteranomaly**

4286624742



**Tritanomaly**

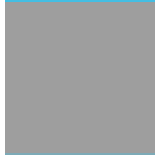
4282171608

# Monochromacy



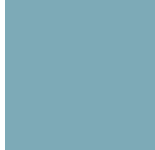
**Original Color**

4282695395



**Achromatopsia**

4288585374



**Achromatomaly**

4286425783

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282695395 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(68, 190, 227)` looks like.

```
.text, #text, p{  
    color:rgb(68, 190, 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(68, 190, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 190, 227) }
```

## Border

The CSS property to change the border of an element to Android 4282695395 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(68, 190, 227) }
```

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

```
.border{ border-color:rgb(68, 190, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 190, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 190, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 190, 227);  
box-shadow:4px 4px 4px 4px rgb(68, 190,  
227) }
```

# Background

The CSS property to change the background color of an element to Android 4282695395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 190, 227) }
```

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

```
.background{ background-color: rgb(68, 190,  
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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