

# Converting Colors

Android(4282765772)

Have a look what the booklet for  
Android(4282765772) contains.

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# **Color**

**Android(4282765772)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45D1CC
RGB	69, 209, 204
RGB Percent	27%, 82%, 80%
CMY	0.7294, 0.1804, 0.2000
CMYK	0.67, 0.00, 0.02, 0.18
HSL	178°, 60%, 55%
HSV	178°, 67%, 82%
XYZ	36.1538, 51.2258, 65.1088
YIQ	166.5700, -81.8350, -31.2350

# Conversions

## Conversions Part 2

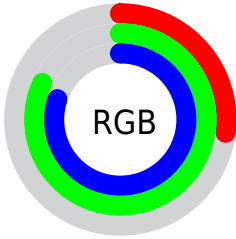
Format	Color
<a href="#">RYB</a>	<a href="#">69, 140, 209</a>
Decimal	<a href="#">4575692</a>
CIELab	<a href="#">76.82, -37.79, -8.47</a>
CIELCh	<a href="#">77, 38.727, 192.632</a>
Yxy	<a href="#">51.2258, 0.2371, 0.3359</a>
Android (android.graphics.Color)	<a href="#">4282765772</a> ( <a href="#">0xFF45D1CC</a> )
YUV	<a href="#">166.5700, 18.4530, -85.5689</a>
Hunter-Lab	<a href="#">71.5722, -35.0843, -3.8352</a>

# Details

The Android color `4282765772` is a light color, and the websafe version is hex `33CCCC`. The color can be described as light muted cyan. A complement of this color would be `4291904842`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4287102975`, and `4278229654` is the 20% darker color. If you saturate the color by 10%, you get `4281389515`, and if you desaturate by 10%, it is `4284142029`.

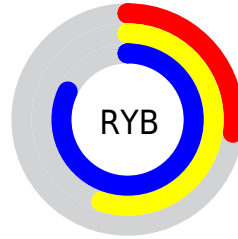
# Distribution



Red (27%)

Green (82%)

Blue (80%)



Red (27%)

Yellow (55%)

Blue (82%)

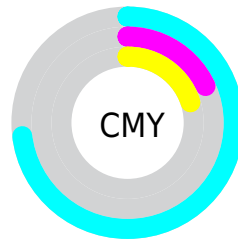


Cyan (67%)

Magenta (0%)

Yellow (2%)

Black (18%)



Cyan (73%)

Magenta (18%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282765772 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 4282765772 by changing the saturation by 10% instead.



 4282765772

 4282765772

4294967295


 4279547313

 4287102975

 4278229654

 4289069055

 4278222716

 4291100671

 4278216291

 4293066751

 4278209867

 4278203701


 4278198304


 4278190087

 4278190080

 4282765772

 4282765772

 4281389515

 4284142029

 4280013259

 4285518285

 4278637002

 4286894542

 4278243786

 4288270799

 4289647056

 4290957776

 4292334033

 4293710290

 4294955475

# Harmonies

## Analogous

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



4285779879



4282765772



4281847533

# Triad

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



4282765772



4292194291



4293440634

# Complementary

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



4282765772



4291904842

# 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.



4294879631



4282765772



4294419924

# Square

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



4282765772



4288920831



4294943408



4291281015

# Rectangle

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



4282765772



4283812604



4294943408



4294029439

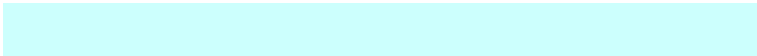


# Sweetspot

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



4282765772



4291624957



4283224389



4284579966



4278190080



4286611584



# Same Dimension

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



4282765772



4281597944



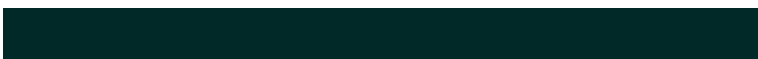
4282749649



4284377448



4278233250



4278200615



# Inverse Universe

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



4291904842



4294914874



4291920965



4285095518



4289200134

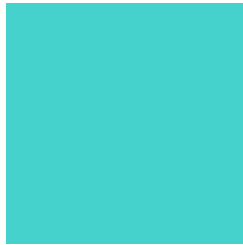


4280877057



# Previews

## White Background



This preview shows how the Android color 4282765772 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 4282765772 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

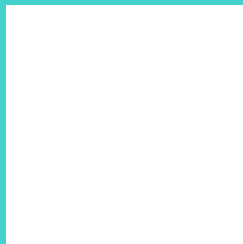
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282765772 Background



This preview shows how black text looks on a background with the Android color 4282765772.



This preview shows how white text looks on a background with the Android color 4282765772.

# 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**

4282765772



**Protanomaly**

4287873988



**Deuteranomaly**

4288069840



**Tritanomaly**

4283158488

# Monochromacy



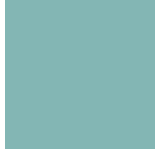
**Original Color**

4282765772



**Achromatopsia**

4289177511



**Achromatomaly**

4286822068

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282765772 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(69, 209, 204)` looks like.

```
.text, #text, p{  
    color:rgb(69, 209, 204)  
}
```

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(69, 209, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 209, 204) }
```

## Border

The CSS property to change the border of an element to Android 4282765772 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(69, 209, 204) }
```

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

```
.border{ border-color:rgb(69, 209, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 209, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 209, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 209, 204);  
box-shadow:4px 4px 4px 4px rgb(69, 209,  
204) }
```

# Background

The CSS property to change the background color of an element to Android 4282765772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 209, 204) }
```

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

```
.background{ background-color: rgb(69, 209,  
204) }
```

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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