

# Converting Colors

Android(4282427586)

Have a look what the booklet for  
Android(4282427586) contains.

<b>Android(4282427586)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4282427586)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40A8C2
RGB	64, 168, 194
RGB Percent	25%, 66%, 76%
CMY	0.7490, 0.3412, 0.2392
CMYK	0.67, 0.13, 0.00, 0.24
HSL	192°, 52%, 51%
HSV	192°, 67%, 76%
XYZ	25.8546, 32.9903, 56.0440
YIQ	139.8680, -70.3300, -13.9620

# Conversions

## Conversions Part 2

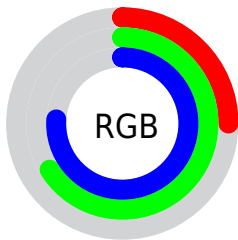
Format	Color
<a href="#">RYB</a>	<a href="#">64, 122, 194</a>
Decimal	<a href="#">4237506</a>
CIELab	<a href="#">64.15, -21.52, -22.09</a>
CIElCh	<a href="#">64, 30.837, 225.748</a>
Yxy	<a href="#">32.9903, 0.2250, 0.2871</a>
Android (android.graphics.Color)	<a href="#">4282427586</a> ( <a href="#">0xFF40A8C2</a> )
YUV	<a href="#">139.8680, 26.6871, -66.5362</a>
Hunter-Lab	<a href="#">57.4372, -20.1656, -17.6459</a>

# Details

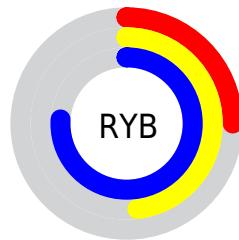
The Android color `4282427586` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle muted azure. A complement of this color would be `4290927168`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4286504955`, and `4278219916` is the 20% darker color. If you saturate the color by 10%, you get `4281181378`, and if you desaturate by 10%, it is `4283673794`.

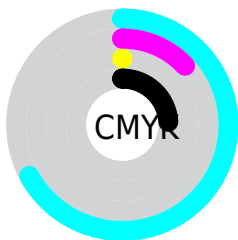
# Distribution



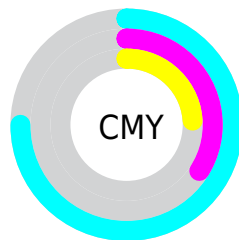
- Red (25%)
- Green (66%)
- Blue (76%)



- Red (25%)
- Yellow (48%)
- Blue (76%)



- Cyan (67%)
- Magenta (13%)
- Yellow (0%)
- Black (24%)



- Cyan (75%)
- Magenta (34%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282427586 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 4282427586 by changing the saturation by 10% instead.



 4282427586

 4282427586

4294967295

 4279602599

 4286504955

 4278219916

 4288478463

 4278213491

 4290379775

 4278207322

 4292345855

 4278201667

 4294311935

 4278196524

 4278190360

 4278190080

 4282427586

 4282427586

■ 4281181378

■ 4283673794

■ 4279869634

■ 4284985538

■ 4278623426

■ 4286231746

■ 4278229954

■ 4287543490

■ 4288789442

■ 4290035650

■ 4291347394

■ 4292593602

■ 4293905346

# Harmonies

## Analogous

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



4282624681



4282427586



4284654288

# Triad

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



4282427586



4291397802



4288716390

# Complementary

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



4282427586



4290927168

# 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.



4290418022



4282427586



4291987342

# Square

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



4282427586



4289826754



4291595381



4286686580

# Rectangle

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



4282427586



4286487762



4291595381



4289305700

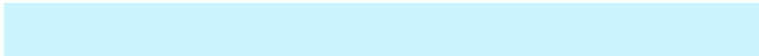


# Sweetspot

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



4282427586



4291490556



4282434138



4284578176



4278190080



4286611584



# Same Dimension

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



4282427586



4281521404



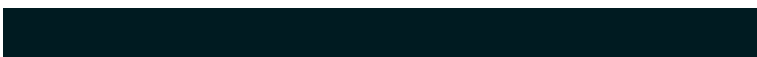
4282410946



4283916129



4278223265



4278197025



# Inverse Universe

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



4290920616



4294718164



4290943808



4284569439



4288741505



4280352795



# Previews

## White Background



This preview shows how the Android color 4282427586 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 4282427586 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

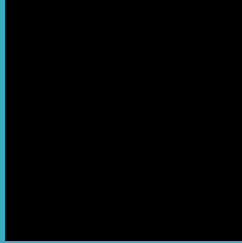
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4282427586 Background



This preview shows how black text looks on a background with the Android color 4282427586.



This preview shows how white text looks on a background with the Android color 4282427586.

# 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**  
4282427586

**Protanomaly**  
4285898428

**Deuteranomaly**  
4285898437

**Tritanomaly**  
4282165692

# Monochromacy



**Original Color**  
4282427586

**Achromatopsia**  
4287401100

**Achromatomaly**  
4285568672

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282427586 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(64, 168, 194)` looks like.

```
.text, #text, p{  
    color:rgb(64, 168, 194)  
}
```

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(64, 168, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 168, 194) }
```

## Border

The CSS property to change the border of an element to Android 4282427586 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(64, 168, 194) }
```

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

```
.border{ border-color:rgb(64, 168, 194) }
```

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

Here you see how a box with a 4 pixel rgb(64, 168, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 168, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 168, 194);  
box-shadow:4px 4px 4px 4px rgb(64, 168,  
194) }
```

# Background

The CSS property to change the background color of an element to Android 4282427586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 168, 194) }
```

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

```
.background{ background-color: rgb(64, 168,  
194) }
```

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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